



Ceresit



Technical Manual

Quality for Professionals



Henkel – the world’s leading manufacturer of adhesives

The Henkel Group, with its leading brands and technologies, makes people’s lives easier, better and more beautiful. The founder of Henkel, Fritz Henkel, can truly be called a pioneer in the field of adhesives – even more than 130 years ago. Today, Henkel is proud to offer premium products – for the industry as well as for craftsmen and consumers.

As diverse and fascinating as Henkel’s customers is the range of possible applications. These days, Henkel adhesives are used in floriculture for stabilizing crossbred plants, in aircraft construction for reducing the weight and in medicine for gluing the retina – to name only a few applications.



Ceresit can look back on more than 110 years of tradition. Tradition and progress go hand in hand at Ceresit and are channeled into a steady stream of innovative products. Thanks to state-of-the-art technologies, Ceresit can offer today a wide range of high-quality products worldwide. Many construction site tasks cannot be accomplished with single products and solutions. For this reason,

Ceresit builds on comprehensive product systems whose components are perfectly matched – from tiling systems all the way to flooring, facade and waterproofing systems. All systems offered by Ceresit feature remarkably high application security and easy workability.

And this, in turn, means time and cost savings for the product user. **Ceresit – Trusted building competence.**



Innovations – one of our special strength

What drives Ceresit more than anything else is the aim to make the floor layer's daily work safer, easier and healthier. Our products are therefore continuously optimized and are always state of the art – a matter of course for us. Innovations, as we understand them, shape the market.

This includes, for instance, the XPRESS levelling compound, providing high resistance and extra fast setting.



Sustainability – part of our genetic code

Across all business divisions, sustainability is a key topic at Henkel and guides our thoughts and actions – and this includes, of course, Ceresit. This has been our driving force for years. In 1997, Henkel was among the initiators of the GEV, the "Gemeinschaft für Emissionskontrollierte Verlegewerkstoffe" (Association for the Control of Emissions in Products for Flooring Installation). This association laid the foundation for the classification of low-emission products in flooring technology. The aim: optimum indoor air quality.

Burj Khalifa, Dubai

Location: Dubai

Project size: 92,000 m²

Year: 2008

Application areas: Wood flooring





Ceresit

Primers

Ceresit



R 766

Multi-Purpose Primer

For absorbent and non-absorbent
substrates



DESCRIPTION

Ceresit R 766 is a liquid concentrated primer, in dispersion, water-based and with special additives. Recommended for priming floors with a smooth or glazed surface or low or no absorption, before the application of self-leveling compounds, in order to seal the porosity and amalgamate powder residues and to improve adhesiveness to the substrate as part of the surface preparation.

FEATURES & BENEFITS

- ▶ High concentration - high coverage
- ▶ Ideal in the preparation of areas to level
- ▶ Fast drying
- ▶ Binds residual dust

- ▶ Easy to apply
- ▶ Water-based and does not contain solvents
- ▶ Non-flammable
- ▶ Non reemulsifiable

USES

- Very low-emission, concentrated primer as adhesion promoter for Ceresit leveling compounds on porous, non-porous and glazed surfaces such as ceramic tile or epoxy coatings, etc. and porous surfaces such as concrete, plaster, terrazzo, mortar, stone, wood, etc., ensuring adhesion of the self-leveling compounds
- For indoor use only
- For sealing porous surfaces, avoiding bubble formation and improving finish of the self-leveling compound
- As auxiliary primer to improve adhesion of repair mortars such as Ceresit RS 88 or Ceresit RS FIX

APPLICATION INSTRUCTIONS

1. Substrate preparation. The mortar or concrete floor to prime must have at least 28 days of age to obtain the complete setting, have full compressive strength and be moisture-free.

Ceresit R 766 must be applied on clean and dry surfaces, without pollutants as curing membranes or oils, as well as be structurally sound. In the event of cracks, repair them with Ceresit RS 88 repair mortar (see technical datasheet). Do not repair structural cracks with Ceresit RS 88.

For the application of this primer, the surface does not need to be porous and absorbent to ensure adhesion. A way to assess absorption of the surface is to pour water (20 ml / 0.01 USGal) on it and leave it approximately 10 minutes. If the water remains as it is at the end of the stipulated time, you can say that it is an area of low absorption. On the contrary, if the water is absorbed, then it is considered as a porous and absorbing surface. In case of ceramic surfaces, epoxy coatings or highly polished concrete (scorched), the use of this primer will be essential to achieve adhesion. These coatings, in turn, must be fully adhered to the substrate, otherwise the resulting adhesion of the self leveling compound or repair mortars will be affected. Therefore, we recommend that, if there are sections with low adhesion, the coating must be removed to make the appropriate repair. Once the repair is dry, it can be evenly primed with the same Ceresit R 766.

In some cases, where the concrete does not have a good surface hardness or it is required to lower the level of existing ridges, in order to decrease the consumption of self-leveling mortar, it is advisable to use a scarifying machine.

Preferably, immediately vacuum the surface to be primed before the application. To achieve a better removal of dust and loose particles, use an industrial vacuum cleaner.

2. Application. Shake the content of the package before use. Ceresit R 766 must be diluted with clean, fresh water in a clean container and of adequate size, in a 1:1 ratio in volume when it is applied on non-absorbent surfaces such as ceramic, coatings, or very polished concrete.

When applied on very porous surfaces such as normal concrete and mortars, dilution should be 1:4 (1 part of Ceresit R 766 by 4 parts of water).

Stir with a paddle to ensure that the mix is entirely homogeneous.

Application is done by pouring the dilution directly on the floor and distributing it evenly using a "chunky" plush

roller and brush for the edges. It is advisable to apply it evenly making sure that there are no sections unprimed and that the product is not applied excessively to avoid gaps in the seal that can result in bubbles or craters in the layer of the self-leveling compound.

Application must be generous to ensure the sealing of the surface and reduce porosity but excess and waterlogging of the primer must be avoided. It is recommended to simultaneously move the roller crosswise to ensure uniformity of seal.

For highly porous and absorbent substrates apply a second coat of the Ceresit R 766 dilution.

Freshly applied, there will be an area of "milky" peach appearance which will become more peach intense as it dries. The primer must be left to dry for 1 to 2 hours depending on the room temperature.

You must apply the self leveling compound or repair mortar within 5 hours after the application of the primer. For further information, contact our Technical Customer Service.

IMPORTANT INFORMATION

- Ceresit R 766 does not solve problems that may occur due to the existence of hydrostatic pressures as a result of groundwater levels. In this case, the application of a vapor barrier should have been foreseen from the floor construction
- In the presence of moisture problems, concrete must be waterproofed
- During the application and the drying process, prevent the airstream to prevent the accumulation of dust
- Do not apply the product if room temperature is below 5° C (41°F) or above 50° C (122°F). At higher temperatures, the working effectiveness decreases and the product setting accelerates
- Do not apply in areas with permanent humidity or on wet surfaces
- For the preparation of the product, use only clean, fresh water (20 - 25° C, 68 - 77°F)
- Do not add more water than indicated in the instructions
- Do not mix Ceresit R 766 with other primers
- Tightly seal containers after each use
- Block AC registers or drainage by using wet paper
- Do not allow product to reach sewage system

SAFETY INFORMATION

Personal protective equipment must be used like rubber gloves for industrial use, goggles and a dust mask. Does not contain solvents. Contains no lead or other heavy metals. In case of contact with skin or eyes, wash

immediately with water and seek medical advice. The product may be slightly irritating by inhalation. Good ventilation must be ensured during and after application and drying. Avoid eating, drinking or smoking when using this product.

Keep out of the reach of children.

The safety data sheet of the product is available at: www.ceresit.com.mx

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available on ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Milky orange fluid
Packaging	Plastic canister, 10 L (2.64 gal)
Specific Weight	1.03 kg/L (8.60 lb/USgal)
Solid Content	51.0 %
VOC content	0.0 ppm
Yield	20 L (5.28 USGal) diluted (1:1) with water 50 L (13.21 USGal) diluted (1:4) with water
Coverage	10 - 12 m ² /L dil. 1:1 on non-absorbent surfaces (aprox. 407-490 sq ft per USGal) 6 - 8 m ² /L dil. 1:1 on porous and absorbent surfaces (aprox. 245-325 sq ft per USGal) 5 - 7 m ² /L dil. 4:1 on very porous and absorbent surfaces (aprox. 200-285 sq ft per USGal)
Drying time before self-leveling application	1 - 2 hours
Maximum Stowage	6 superimposed pieces
Shelf life and storage conditions	12 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The above mentioned data were obtained in lab conditions, at 24°C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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Quality for Professionals

Ceresit



R 777

Dispersion Primer

For absorbent surfaces and concrete floors



DESCRIPTION

Ceresit R 777 is a water-based fluid dispersion primer for applications on absorbent or very absorbent (porous) concrete floors before applying self leveling compounds or repair mortars, with the purpose of sealing the porosity and binding the residual dust, as well as to improve the adhesion to the substrate as part of the surface preparation.

FEATURES & BENEFITS

- ▶ Binds residual dust
- ▶ Closes screed pores and adjusts absorbency
- ▶ Powerful bonding bridge
- ▶ High Performance
- ▶ Ideal in the preparation of areas to be levelled
- ▶ Easy to apply
- ▶ Water-based and solvent-free

- ▶ Non-flammable
- ▶ Non reemulsifiable

USES

- Very low-emission dispersion primer used as bonding bridge on porous surfaces such as: concretes, mortars, natural stone, ceramic tiles, etc., ensuring the adhesiveness of the repair mortars or self leveling compounds to the substrate
- For indoor use only
- For sealing porous surfaces, avoiding the bubble formation and improving the finish of the self leveling compound
- As auxiliary primer to improve the adherence of repair mortars such as Ceresit RS 88 or Ceresit RS FIX

APPLICATION INSTRUCTIONS

1.Substrate preparation. The mortar or concrete floor to prime must have at least 28 days of age to obtain the complete setting, have full compressive strength and

be moisture-free.

Ceresit R 777 must be applied on clean and dry surfaces, without pollutants as curing membranes or oils and be structurally sound. In the event of cracks, repair them with Ceresit RS 88 repair mortar (see technical datasheet). Do not repair structural cracks with Ceresit RS 88.

For the application of this primer, the surface must be porous and absorbent to ensure adhesion.

A way to assess the absorption of the surface is to pour a little water (20 ml / 0.01 USGal.) on it and leave it approximately 10 minutes. If the water remains as it is at the end of the stipulated time, you can say that it is an area of low absorption. On the contrary, if the water is absorbed, then it is considered as a porous and absorbing surface.

In case of ceramic surfaces, epoxy coatings or highly polished concrete (scorched), this product must not be used and instead you should use the primer Ceresit R 766 according to the directions on the technical datasheet.

In some cases where the concrete does not have a good surface hardness or it is required to lower the level of existing ridges, in order to decrease the consumption of the self leveling compound, it is advisable to use a scarifying machine.

Preferably, vacuum immediately the surface to be primed before the application. To achieve a better removal of dust and loose particles, use an industrial vacuum cleaner.

2. Application. Shake contents of the package before use.

Ceresit R 777 must be diluted with clean, fresh water in a clean container, in a 1:1 ratio.

Mix with a paddle to ensure that the mix is entirely homogeneous.

Application is done by pouring the dilution directly on the floor and distributing it evenly through the use of a "chunky" plush roller and a brush for the edges. It is advisable to apply it evenly making sure that there are no sections unprimed and that the product is not applied excessively to avoid gaps in the seal that can result in bubbles or craters in the layer of the self leveling compound. Application must be generous to ensure the sealing of the surface and reduce porosity but excess and waterlogging of the primer must be avoided. It is recommended to simultaneously move the roller crosswise to ensure uniformity of sealing.

For highly porous and absorbent substrates apply a second coat of the Ceresit R 777 dilution.

In case of need and for best results, Ceresit R 777 can even be applied directly without dilution.

Freshly applied, the product will have an area of "milky" appearance which will become transparent as it dries.

The primer must be left to dry for 1 to 2 hours depending on the room temperature.

You must apply the self levelling compound or repair mortar within 5 hours after the application of the primer. For further information, contact our Technical Customer Service.

IMPORTANT INFORMATION

- Ceresit R 777 does not solve problems that may occur due to the existence of hydrostatic pressures as a result of groundwater levels. In this case, the application of a vapor barrier should have been foreseen from the floor construction
- In the presence of moisture problems, concrete must be waterproofed
- During the application and the drying process, prevent airstream presence to avoid dust accumulation
- Do not use on ceramic or glazed surfaces or coatings; for these, use Ceresit R 766 primer (see data sheet)
- Do not apply the product if the room temperature is below 5° C (41°F) or over 50° C (122°F). At higher temperatures, the working effectiveness decreases and the product setting accelerates
- Do not apply in areas with permanent humidity or wet surfaces
- Do not apply on wooden surfaces
- For the preparation of the product, use only clean, fresh water (20 - 25° C, 68 - 77°F)
- Do not add more water than what is indicated in the instructions
- Do not mix Ceresit R 777 with other primers
- Tightly seal containers after each use
- Block AC registers or drainage by using wet paper
- Do not allow product to reach sewage system

SAFETY INFORMATION

Personal protective equipment must be used like rubber gloves for industrial use, goggles and a dust mask.

Does not contain solvents, lead, or other heavy metals. In case of contact with skin or eyes, wash immediately with plenty of water and seek medical advice. Good ventilation must be ensured during and after application and drying. Avoid eating, drinking or smoking when using this product. Keep out of the reach of children. Refer to Safety Data Sheet for further health and safety information

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available on ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Milky white fluid
Packaging	Plastic canister, 10 L
Specific Weight	1.01 kg/L (8.43 lb /US gal)
Solid Content	19.0 %
VOC content	0.045 g/L (aprox. 0.0004 lb/US Gal)
Yield	Aprox. 7.0 m ² /L dil. 1:1 with water (aprox. 285 sq ft per US Gal)
Drying time before self-leveling application	1 - 2 hours
Maximum Stowage	6 superimposed pieces
Shelf life and storage conditions	12 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The above mentioned data were obtained in lab conditions, at 24°C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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Quality for Professionals



Ceresit

Repair Mortars

Ceresit



RS 88

Fast Setting Repair Mortar

High resistance for layers of 1 - 100 mm (0.04 - 3.94 in) in one single application



DESCRIPTION

Ceresit RS 88 is a fast setting cementous mortar with high resistance to repair and fill cracks and holes from 1 to 100 mm (0.04 - 3.94 in) in one single application on concrete floors. It is a compound based on hydraulic cement, silica sand and special additives that, when mixed with water, forms a smooth paste with easy application properties to be applied on concrete surfaces.

FEATURES & BENEFITS

- ▶ **Indoor / Outdoor**
- ▶ **High ultimate resistance (400 kg/cm² / 5,689 psi)**
- ▶ **Rapidly ready for coverings, irrespective of layer thickness**

- ▶ **Dramatically improves the finished surfaces where it is applied**
- ▶ **Adjustable consistency for leveling and filling jobs**
- ▶ **Easy to apply**
- ▶ **Primer is not necessary**
- ▶ **No shrinkage or expansion**
- ▶ **No cracks or fissures**

USES

- Ideal for repairing areas to level
- Outdoor and indoor to repair, fill, and restore cracks, holes, bumps and imperfections in concrete elements
- On vertical, horizontal, and sloping surfaces
- Repair of damaged joints on floors (non-structural)
- To create sanitary curves between floor and wall
- To repair imperfections from 1 to 100 mm (0.04 -

3.94 in) in one single application

- For superficial repair on concrete elements
- To correct small differences in level

APPLICATION INSTRUCTIONS

1. Substrate preparation. The mortar or concrete floor to repair must have at least 28 days of age to obtain the complete setting, have full compressive strength and be moisture-free.

Ceresit RS 88 must be applied on clean and dry surfaces, without pollutants as curing membranes or oils, as well as be structurally sound. When repairing cracks, prepare the surface with a 45° angle to favor the load capacity of Ceresit RS 88. Do not repair structural cracks with this product.

2. Application. Mixing: For the preparation of a 25 kg (55.12 lb) bag, measure and pour 5.5 liters (1.45 gal) or maximum 6.5 liters (1.72 gal) of clean and fresh water in a 30-liter (7.93 gal) container, depending on the consistency required according to the size and type of surface to be repaired. While stirring, slowly add a Ceresit RS 88 bag. To achieve the correct mixing of the product and ensure a good performance, it is necessary to use a mixer or a drill with 650 rpm-speed fitted with appropriate blades or disks.

Mix for 2 minutes, stop the stirring, scrape the walls and the bottom of the mixing container with a palette or wood paddle and mix for 2 more minutes until you get a smooth mixture free of lumps.

Avoid mixing more product than you can apply in maximum 10 minutes depending on room temperature conditions. For further information regarding mixers, contact our Technical Customer Service.

Application and finish: On horizontal surfaces, pour the product and apply it by sections with metal wedges or spatulas. Evenly put pressure on the tool, fanning it from side to side in sloping position leaving the amount of product needed to correct surface imperfections.

The product needs to dry from 20 to 30 minutes to walk on it, depending on the thickness applied.

To continue with the surface preparation, priming and leveling, wait for at least one hour after the product application.

Note. To improve the finish, the tool must be passed repeatedly smoothing as needed.

In case of need to improve the finish, a damp sponge passed over the application helps to erase the edges of the float.

On vertical surfaces, place the product on the selected tool and apply bottom-up with the tilt and pressure required to correct the surface imperfections.

IMPORTANT INFORMATION

- Ceresit RS 88 does not solve problems that may occur due to the existence of hydrostatic pressures as a result of groundwater levels. In this case, the application of a vapor barrier should have been foreseen from the

floor construction

- In the presence of moisture problems, concrete must be waterproofed
- During the application and the drying process, prevent air currents and sunlight to avoid accelerated dehydration and defects in the applied product like cracks or wrinkles that simulate cracking in the finished leveling
- The use of this product is for areas with pedestrian traffic (not for vehicle use)
- Do not apply the product when the room temperature is below 5° C (41 ° F) or over 50° C (122 ° F). At higher temperatures, the working effectiveness decreases, and the product setting accelerates
- Do not apply in areas with permanent humidity
- Drying time depends on the thickness applied. A thin layer application dries faster and vice versa
- Do not apply on wooden surfaces
- Do not apply on wet surfaces
- For the preparation of the product, use only clean, fresh water (20 - 25° C / 68 - 77 ° F)
- Do not add more water than indicated in the instructions
- The floor to be repaired must be structurally sound and properly laid down, in such a way that does not present any loose parts or subsidence caused by a poorly compacted ground or slabs hanging in the floor structures
- Do not mix Ceresit RS 88 with other repair mortars
- Once opened, the bag must be fully used. In case of leftover, seal the bag to prevent moisture penetration and use the content as soon as possible
- Block AC registers or drainage by using wet paper
- Do not allow product to reach sewage system

SAFETY INFORMATION

Personal protective equipment must be used like rubber gloves for industrial use, goggles and a dust mask.

Contains cement that produces a strong alkaline reaction with moisture, so you must protect your skin and eyes. In case of contact with these organs, immediately wash thoroughly with water and seek medical advice. Good ventilation must be ensured during and after application and drying. Avoid eating, drinking or smoking when using this product.

Keep out of the reach of children.

See Safety Data Sheet for further safety information.

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available at ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Light gray powder
Packaging	Paper bag, 25 Kg (55.12 lb)
Specific Weight	2.03 Kg/L (16.94 lb / USGal)
Amount of gauging water	5.5 L / 25 Kg (1.45 gal / 55.12 lb) for paste 6.5 L / 25 Kg (1.72 gal / 55.12 lb) for grouting
Resulting mix volume	15 L (3.96 gal) as paste 16 L (4.23 gal) as grouting
Working time	Aprox. 15 minutes
Ready for foot traffic	20 - 30 min at 2 mm (0.08 in) thickness
Initial and final setting time	Initial: 10 - 20 min Final: 20 - 30 min
VOC content	0.0 ppm
Yield	1.56 kg / m ² at 1 mm thickness (0.32 lb / sq ft at 0.04 in thickness)
Ready to receive floor covering	4 hours
Compressive strength	200 Kg / cm ² (2,845 psi) at 1 day 400 Kg / cm ² (5,689 psi) at 28 days
Flexural strength	35 Kg / cm ² (498 psi) at 1 day 80 Kg / cm ² (1,138 psi) at 28 days
Maximum Stowage	4 superimposed pieces
Shelf life and storage conditions	9 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The above mentioned data were obtained in lab conditions, at 24°C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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Quality for Professionals



Ceresit

Floor Leveling

Ceresit



DX

Universal Leveling Compound

For layers of 0.5 - 10 mm (0.02 - 0.39 in) in one single application



DESCRIPTION

Ceresit DX is a mortar with self-leveling properties and shrinkage free. Comprised of hydraulic cement, selected silica sand and special additives that, when mixed with water, forms a self-leveling and smooth mass perfect for correcting imperfections on concrete flooring.

FEATURES

- ▶ Self-leveling
- ▶ Low dust generation during mixing
- ▶ Smooth finish
- ▶ Ready for foot traffic after 4 - 6 hours
- ▶ High ultimate resistance
- ▶ Easy to apply

USES

- Obtain leveled surfaces
- Fill thicknesses or differential gaps between 0.5 and 10 mm (0.02 - 0.39 in)
- Ceresit DX can be used on: concrete, cement or plaster mortar, ceramic tile, natural stone, epoxy coverings and old substrates with firmly adhering adhesive residues
- The product is intended for indoor use. Do not use as finish

APPLICATION INSTRUCTIONS

1. Substrate preparation. The mortar or concrete floor to be leveled must have at least 28 days of age to obtain the complete setting, have full compressive strength, and be moisture-free. On plaster surfaces, regardless the age of the mortar, must be at a maximum of 10% so that the self-leveling compound can be applied.

Ceresit DX must be applied on clean, dry, and non-cracked surfaces. In the event of cracks, repair them with Ceresit RS 88 repair mortar (see datasheet). Do not repair structural cracks with Ceresit RS 88.

Before applying the leveling compound, pretreat the surface with the recommended Ceresit primer.

For porous and absorbent concrete floors or other materials, Ceresit R 777 primer shall be applied prior to the application of the self-leveling mortar to ensure a good seal and adhesion.

This primer must be diluted with clean water in a 1:1 ratio and allow to dry for 1-2 hours once applied. In highly porous substrates a second hand should be applied (for more information see the technical datasheet).

For smooth and non-absorbent surfaces, it is recommended to apply Ceresit R 766 primer according to the instructions on the corresponding technical datasheet.

2. Application. Mixing: For the preparation of a 25 kg (55.12 lb.) bag, measure and pour 6.5 liters (1.72 gal) of clean, fresh water in a 30-liter (7.93 gal) container. By stirring up, slowly add a Ceresit DX bag. To achieve the correct mixing of the product and ensure a good performance, it is necessary to use a mixer or a drill with 650 rpm-speed fitted with appropriate blades or disks. Mix for 2 minutes, stop the mixing, scrape the walls and the bottom of the mixing vessel with a palette or wood paddle and mix for 2 more minutes until you get a smooth mixture free of lumps.

For further advancement, up to 7 bags can be mixed in a 200-liter (52.83 gal) drum to produce 115 liters (30.38 gal) of mixture in one step. To perform this operation, with the mixer working, slowly add content of the bags in a continuous manner. Once the last bag is added, mix for 4 minutes, stop, scrape walls and bottom of the drum with the wood paddle. Finally, mix for 2 more minutes to achieve a perfectly homogeneous product. In this case, use a 1200 watt (1.6 hp) mixer with variable speed (80 to 580 rpm) and suitable impeller discs.

For more information regarding mixers, contact our technical customer service.

Application and finish: Pour the self-leveling mixture by sections and uniform parts immediately in a given area depending on the expected performance and in accordance with the calculated thickness; i.e., must be an adequate control of areas against product consumption ready to have optimum control of yields and thicknesses. Apply the leveling compound with a toothed squeegee or smoothing trowel to achieve a uniform thickness. Simultaneously, pass a roller repeatedly in both directions; this also helps to have a better product distribution. The appearance will be uniform over the entire surface in a light gray color. Let it dry for about 4 to 6 hours for foot traffic, and 24 hours to apply the desired finish.

If the surface to be leveled is a plaster, apply Ceresit DX to a minimum thickness of 5 mm (0.20 in.) to ensure the

correct product performance. A thickness of less than 5 mm (0.20 in.) may lead to failures by low resistance of the plaster, generate cracks and interfere with the implementation.

Note. While passing the spikes roller, it is necessary that the person who is carrying out the maneuver is equipped with spikes and that the task will be done in maximum 20 minutes after the application of Ceresit DX because the product starts setting and loses its leveling properties.

IMPORTANT INFORMATION

- Ceresit DX does not solve problems that may occur due to the existence of hydrostatic pressures as a result of groundwater levels. In this case, the application of a vapor barrier should have been foreseen from the floor construction
- In the presence of moisture problems, concrete must be waterproofed
- During the application and drying process, prevent air currents and sunlight to avoid accelerated dehydration and defects in the applied product like cracks or wrinkles that simulate cracking in the finished leveling
- The use of this product is for areas with pedestrian traffic (not for vehicle use)
- Do not apply the product when the room temperature is below 5° C (41°F) or above 50° C (122°F). At higher temperatures, the working effectiveness decreases, and the setting of the product accelerates
- Do not apply in areas with permanent humidity or outdoors
- Drying time depends on the thickness applied. A thin layer application dries faster and vice versa
- Not recommended for leveling on wooden surfaces.
- Do not apply on wet surfaces
- For the preparation of the product, use only clean, fresh water (20 - 25° C, 68 - 77°F)
- The floor to be leveled must be structurally sound and properly laid down, in such a way that it does not present any loose parts or substances caused by a poorly compacted ground or slabs hanging in the floor structure
- Do not add more water than indicated in the instructions
- To extend and standardize the thickness of the product, use the appropriate tools like a notched squeegee or a screed squeegee with screws to vary the thickness and at the end pass a plastic spike roller
- Do not mix Ceresit DX with other leveling compounds
- Once you open the bags should be fully used. In case of leftover, seal the bag to prevent moisture penetration and use the content as soon as possible
- Block AC registers or drainage by using wet paper
- Do not allow product to reach sewage system
- In case of using epoxy coatings as finish, avoid using those containing solvents
- When movements of the floor or floor structure are recorded due to temperature or vibration, it is normal that some cracks may appear on the product applied

and already hardened. This does not affect the performance of the product since the cracks work beneath the coating or finish

SAFETY INFORMATION

Personal protective equipment must be used like rubber gloves for industrial use, goggles and a dust mask. Contains cement that produces a strong alkaline reaction with moisture, so your skin and eyes must be protected. In case of contact, wash thoroughly with water and seek medical advice. Good ventilation must be ensured during and after application and drying. Avoid eating, drinking or smoking during the use of this product. Keep out of the reach of children. Refer to Safety Data Sheet for further health and safety information.

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available at ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Light gray powder
Packaging	Paper bag, 25 Kg (55.12 lb)
Specific Weight	1.91 Kg / L (15.94 lb / USGal)
Amount of gauging water	6.5 L / 25 Kg (1.72 gal / 55.12 lb)
Resulting mix volume	16.5 L (4.36 gal)
Working time	Aprox. 30 minutes
Ready for foot traffic	4 - 6 hours @ 2 - 5mm thickness (0.08 - 0.20 in)
Initial and final setting time	Initial: 3 - 4 hours Final: 3.5 - 4.5 hours
VOC content	0.0 ppm
Yield	1.5 kg/ m ² at 1 mm layer thickness (0.31 lb /sq ft at 0.04 in of thickness)
Ready to receive floor covering	24 hours
Compressive strength	120 Kg/cm ² (1707 psi) at 3 days 300 Kg/cm ² (4267 psi) at 28 days
Flexural strength	25 Kg/cm ² (356 psi) at 3 days 70 Kg/cm ² (996 psi) at 28 days
Maximum Stowage	4 superimposed pieces
Shelf life and storage conditions	9 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The information specified above were obtained in lab conditions: 24° C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



Customer service: web.fester@henkel.com
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Quality for Professionals

Ceresit



DM

Standard Self-Leveling Compound

For layers of 0.5 - 10 mm (0.02 - 0.39 in)
in one single application



DESCRIPTION

Ceresit DM is a mortar with self-leveling properties. Hydraulic cement-base compound, selected silic sands and special additives, that when mixing them with water form a fluid and self-leveling mass, ideal to correct imperfections in floors where thicknesses of up to 10 mm are required.

FEATURES & BENEFITS

- ▶ Self-leveling
- ▶ Low dust generation during mixing
- ▶ Fine finishing
- ▶ Ready for foot traffic in 4-6 hours
- ▶ Good final resistance
- ▶ Easy to apply

USES

- To achieve leveled surfaces
- To fill thicknesses or voids with differences between 0.5 and 10 mm (0.02 - 0.39 in)
- Ceresit DM may be used on: concrete, mortar, ceramic tiles, natural stone and old substrates with adhesive remnants firmly attached
- The product is for indoor use only. Do not use it as final finish

APPLICATION INSTRUCTIONS

1. Substrate preparation. The concrete or mortar floor to be leveled shall have at least 28 days of age to obtain the complete setting, have full compression strength and be free of moisture.

Ceresit DM shall be applied on clean and dry surfaces, with no cracks. If there are cracks, repair them with

Ceresit RS 88 repair mortar (see technical datasheet). Do not repair structural cracks with Ceresit RS 88.

Before applying the leveling compound, pretreat the surface with the recommended Ceresit primer.

For porous and absorbent concrete floors or other materials, the primer Ceresit R 777 shall be applied before applying the selfleveling compound, to ensure a good sealing and adherence.

This primer shall be diluted with clean water in a proportion of 1:1, and allow to dry 1 - 2 hours after its application. In very porous substrates, a second coat shall be applied. (For further information, see the technical datasheet)

For smooth and not absorbent surfaces, it is recommended to apply Ceresit R 766 primer, strictly complying with the indications in the corresponding technical sheet.

2. Application. Mixing: To prepare a bag of 25 Kg (55.12 lb), measure and pour 6 L (1.59 gal) of clean and fresh water in a vessel for 30 L (7.93 gal). While stirring, pour bit by bit a bag of Ceresit DM. To achieve the proper product mixing and secure good performance, you need to use a mixer or a drill with approximate speed of 650 rpm, fitted with blades or proper disks.

Mix for 2 minutes and stop mixing, scratch the vessel walls and bottom with a palette or wood paddle and mix 2 minutes more until obtaining a fluid mixture free of lumps.

For a better progress in the work, you may mix up to 7 bags in a 200 L (52.83 gal) drum, to obtain 112 L of mixture in one single step. To carry out this operation, with the mixer under stirring, pour bit by bit the bags continuously. When you finish integrating the last bag, mix for 4 minutes and stop the mixing; with the wood paddle scratch the material attached to the drum walls and bottom. Finally, mix for 2 more minutes to achieve an entirely homogeneous product. For this case, use a mixer equipment of 1200 watts (1.6 hp) of variable speed (80 - 580 rpm) and with proper driver disks. For further information regarding mixers, consult the technical customer service.

Application and finish: Pour the self-leveling mixture by sections and uniform cuts in a determined area, based on the expected yield, and per the calculated thickness; i.e., a proper control of areas vs. product consumption prepared shall be made, to obtain an optimum control of yielding and thickness.

Distribute the mixture with a toothed squeegee or trowel and uniform the thickness. Simultaneously, on the self-leveling coat, roll repeatedly with spiked roller; this will also help to better distribute the product. Appearance will be uniform over the entire surface in a light gray color. Let it dry for approximately

4 - 6 hours to be ready for foot traffic, and 24 hours to be able to apply the desired finish.

Note. When passing the spiked roller, the maneuver shall be carried out by a person wearing spikes, and it shall be made in a maximum time of 20 minutes after applying Ceresit DM, as the product starts its setting and loses its leveling properties.

IMPORTANT INFORMATION

- Ceresit DM does not solve problems that may arise due to the presence of hydrostatic pressures due to ground water levels. In that case, the placement of a vapor barrier should have been foreseen, from the floor construction
- In the presence of moisture problems, the concrete must be waterproofed
- During the application and the drying process avoid air currents and sunlight to prevent the accelerated dehydration and defects in the product applied as cracks or wrinkles that simulate cracking in the finished leveling
- The use of this product is for areas with pedestrian traffic (not for vehicles)
- Do not apply the product below 5° C (41°F), or above 50° C (122°F). The higher the temperature is, workability diminishes and product setting accelerates
- Do not apply it in areas with permanent moisture or outdoors
- Drying time is dependent upon how thick product is applied. The lower the thickness, the faster the drying, and vice versa
- It is not recommended for leveling wood surfaces
- Do not apply on wet surfaces
- For the product preparation, only use clean and fresh water (20 - 25° C, 68 - 77°F)
- The floor to be leveled must be structurally sound and properly laid down, in such a way that it does not present any loose parts or substances caused by a poorly compacted ground or slabs hanging in the floor structure
- Do not add more water than the indicated in the instructions
- To extend and uniform the product thickness, use the proper tools like a spiked squeegee or a screed squeegee with screws to vary thickness, and finally pass a plastic spikes roller
- Do not mix Ceresit DM with other leveling compounds.
- Once the bags are opened, they must be entirely used. In event of leftover, close the bag firmly to prevent the entrance of moisture, and use the content as soon as possible
- Block the electric receptacles or sewages with wet paper
- Do not eliminate leftover material into the sewage

- It is not recommended to cover this product with epoxy or polyurethane systems
- When movements of the floor or floor structure are recorded due to temperature or vibration, it is normal that some cracks may appear on the product applied and already hardened. This does not affect the performance of the product since the cracks work beneath the coating or finish

SAFETY INFORMATION

Use personal protective equipment such as rubber gloves for industrial use, goggles and mask for dusts.

Contains cement that produces a strongly alkaline reaction with moisture; therefore, skin and eyes must be protected. In the event of contact, immediately wash with abundant water and consult a physician.

During and after the application ensure good ventilation. Avoid eating, drinking or smoking during the time you use this product.

Keep it out of the children reach.

Refer to safety data sheet for further health and safety information.

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available at ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Light gray powder
Packaging	Paper bag, 25 Kg (55.12 lb)
Specific Weight	1.94 Kg/L (16.19 lb / USGal)
Amount of gauging water	6L / 25 Kg (1.59 gal / 55.12 lb)
Resulting mix volume	16 L (4.23 gal)
Working time	Aprox. 30 minutes
Ready for foot traffic	4 - 6 hours @ 2 - 5mm thickness (0.08 - 0.20 in)
Initial and final setting time	Initial: 3 - 4 hours Final: 3.5 - 4.5 hours
VOC content	0.0 ppm
Yield	1.55 Kg/m ² at 1 mm thickness (0.32 lb /sq ft at 0.04 in of thickness)
Ready to receive floor covering	24 hours
Compressive strength	110 Kg/cm ² (1565 psi) at 3 days 200 Kg/cm ² (2845 psi) at 28 days
Flexural strength	25 Kg/cm ² (356 psi) at 3 days 50 Kg/cm ² (711 psi) at 28 days
Maximum Stowage	4 superimposed pieces
Shelf life and storage conditions	9 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The information specified above were obtained in lab conditions: 24° C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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Quality for Professionals

Ceresit



DX XPRESS

Extra-Fast-Setting Leveling Compound

For layers of 0.5 - 10 mm (0.02 - 0.39 in)
in one single application



DESCRIPTION

Ceresit DX Xpress is a mortar with self-leveling properties and shrinkage free composed by hydraulic cement, selected silica sands and special additives. Upon contact with water during the mixing operation, it forms a fluid mass perfect for correcting imperfections on concrete flooring.

FEATURES & BENEFITS

- ▶ Self-leveling
- ▶ Fast setting

- ▶ For extra fast pedestrian traffic
- ▶ Low dust generation during mixing
- ▶ Smooth finish
- ▶ Ready for foot traffic after 2 - 3 hours
- ▶ High ultimate resistance
- ▶ Easy to apply
- ▶ pply floor covering in 8h

USES

- For leveling floors that require to be quickly opened to pedestrian traffic

- Obtain flat or leveled surfaces facilitating and extending their useful life as there are no imperfections on the floor
- Fill thicknesses or differential gaps between 0.5 and 10 mm (0.02 - 0.39 in)
- Ceresit DX Xpress can be used on: concrete, cement mortars, cement leveling mortars, ceramic tile, natural stone, epoxy coatings
- The product is intended for indoor use. Do not use as finish

APPLICATION INSTRUCTIONS

1. Substrate preparation. The mortar or concrete floor to be leveled must have at least 28 days of age to obtain the complete setting, have full compressive strength and be moisture-free. In order to apply Ceresit DX Xpress on cement-plaster based leveling mortars, regardless of age, humidity cannot exceed 10%.

It must be applied on clean, dry, and non-cracked surfaces. In the event of cracks, repair them with Ceresit RS 88 repair mortar (see datasheet). Do not repair structural cracks with Ceresit RS 88.

Before applying the leveling compound, pretreat the surface with the recommended Ceresit primer.

For porous and absorbent concrete floors or other materials, Ceresit R 777 primer shall always be applied prior to the application of the self-leveling mortar to ensure a good seal and adhesion.

Ceresit R 777 must be diluted with clean water in a 1:1 ratio and allow to dry for 1-2 hours after its application. In highly porous substrates a second hand should be applied (for further information, see the technical datasheet).

For smooth and non-absorbent surfaces, it is recommended to apply Ceresit R 766 primer according to the indications of the corresponding technical datasheet.

2. Application. Mixing: For the preparation of a 25 kg (55.12 lb.) bag, measure and pour 5.5 liters (1.45 gal) of clean, fresh water in a 30-liter (7.93 gal) container. By stirring up, slowly add a Ceresit DX Xpress bag. To achieve the correct mixing of the product and ensure a good performance, it is necessary to use a mixer or a drill with 650 rpm-speed fitted with appropriate blades or disks.

Mix for 2 minutes, stop the mixing, scrape the walls and the bottom of the mixing vessel with a palette or wood paddle and mix for 2 more minutes until you get a smooth mixture free of lumps.

In works requiring faster progress, mix up to 5 bags in a 200 L (52.83 gal) drum to achieve a 76 L (20.08 gal) mix in one step. To perform this operation, with the mixer

working, slowly add the bags content in a continuous manner. Once the last bag is added, you have to mix for 2 minutes and stop, scrape walls and bottom of the drum with the wood paddle. Finally, mix for 2 more minutes to obtain a lump free product and completely homogeneous. In this case use a 1200 watts (1.6 hp) mixer equipment with variable speed (80 to 580 rpm) and suitable impeller discs.

For more information regarding mixers, contact technical customer service.

Application and finish: Pour the self-leveling mixture by sections and uniform parts immediately in a given area depending on the expected performance and in accordance with the calculated thickness; i.e., must be an adequate control of areas against prepared product consumption to have optimum control of yields and thicknesses. Apply the leveling compound with a toothed squeegee or smoothing trowel to achieve a uniform thickness. Simultaneously, pass a roller repeatedly in both directions; this also helps to have a better product distribution. The appearance will be uniform over the entire surface in a light gray color. Let it dry for about 2 to 3 hours for foot traffic, and 8 hours to apply the desired finish.

If the surface to be leveled is a plaster, apply Ceresit DX Xpress to a thickness minimum of 5 mm (0.20 in) to ensure the correct product performance. A thickness of less than 5 mm (0.20 in) may lead to failures by low resistance of the plaster, generate cracks and interfere with the implementation.

Note. While passing the spikes roller, it is necessary that the person carrying out the maneuver is equipped with spikes and that the task will be done in maximum 10 minutes after the application of Ceresit DX Xpress because the product starts setting and loses its leveling properties

IMPORTANT INFORMATION

- Ceresit DX Xpress does not solve problems that may occur due to the existence of hydrostatic pressures as a result of groundwater levels. In this case, the application of a vapor barrier should have been foreseen from the floor construction
- In the presence of moisture problems, concrete must be waterproofed
- During the application and the drying process, prevent air currents and sunlight to avoid accelerated dehydration and defects in the applied product like cracks or wrinkles that simulate cracking in the finished leveling
- This product is intended for pedestrian traffic, suitcases with wheels, or light electrical vehicles, not for cars or larger vehicles
- DX XPRESS Fast-setting self-leveling mortar
- Do not apply the product when the room temperature is below 5° C (41°F) or over 40° C (122°F). At higher

temperatures, working effectiveness decreases and the setting of the product accelerates

- For the preparation of the product, use only clean, fresh water (20 - 25° C, 68 - 77° F)
- At temperatures of 30 to 40° C (86° F to 104° F), it is recommended to take greater care of the temperature of the water that is going to be used (15 to 20° C, 59° F to 68° F) to extend the application time
- Do not apply in areas with permanent humidity or outdoors
- Drying time depends on the thickness applied. A thin layer application dries faster and vice versa
- Not recommended for leveling on wooden surfaces.
- Do not apply on wet surfaces
- The floor to be leveled must be structurally sound and properly laid down, in such a way that it does not present any loose parts or subsidence caused by a poorly compacted ground or slabs hanging in the floor structures
- Do not add more water than indicated in the instructions
- To extend and standardize the thickness of the product, use the appropriate tools like a notched squeegee or a screed squeegee with screws to vary the thickness and finally pass a plastic spike roller
- Do not mix Ceresit DX Xpress with other leveling compounds
- Once the bags are opened, they should be fully used. In case of leftover, seal the bag to prevent moisture penetration and use the content as soon as possible
- Block AC registers or drainage by using wet paper
- Do not allow product to reach sewage system
- In case of applying epoxy coatings as finish, do not use those containing solvents
- When movements of the floor or floor structures are recorded due to temperature or vibration, it is normal that some cracks may appear on the product applied and already hardened. This does not affect the performance of the product since the cracks work beneath the coating or finish

SAFETY INFORMATION

Personal protective equipment must be used like rubber gloves for industrial use, goggles and a dust mask. Contains cement that produces a strongly alkaline reaction with moisture, so your skin and eyes must be protected. In case of contact, wash thoroughly with water and seek medical advice. Use with adequate ventilation during and after application and drying. Avoid eating, drinking or smoking while using this product.

Keep out of the reach of children.

Refer to SDS for further health and safety information.

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available on ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Light gray powder
Packaging	Paper bag, 25 Kg (55.12 lb)
Specific Weight	2.00 Kg/L (16.69 lb / USGal)
Amount of gauging water	5.5 L / 25 Kg (1.45 gal / 55.12 lb)
Resulting mix volume	15.250 L (4.03 gal)
Working time	Aprox. 15 minutes
Ready for foot traffic	2 - 3 hours @ 2 - 5mm (0.08 - 0.20 in)
Initial and final setting time	Initial: 40 minutes Final: 45 minutes
VOC content	0.0 ppm
Yield	1.56 kg/ m ² at 1 mm (0.32 lb/sq ft at 0.04 in of thickness)
Ready to receive floor covering	8 hours
Compressive strength	300 Kg/cm ² (4267 psi) at 3 days 500 Kg/cm ² (7112 psi) at 28 days
Flexural strength	75 Kg/cm ² (1067 psi) at 3 days 95 Kg/cm ² (1351 psi) at 28 days
Maximum Stowage	4 superimposed pieces
Shelf life and storage conditions	9 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The information specified above were obtained in lab conditions: 24° C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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Quality for Professionals

Ceresit



GX

Universal Thick-Layer Leveling Compound

For layers of 10 - 60 mm (0.39 - 2.36 in) in one single application



DESCRIPTION

Ceresit GX is a mortar with self-leveling properties and shrinkage-free. Composed of hydraulic cement, selected silica sand and special additives, additives that, when mixed with water, forms a self-leveling and smooth mass ideal for achieving smooth and leveled surfaces on concrete floors.

FEATURES & BENEFITS

- ▶ Self-leveling
- ▶ Low dust generation during mixing
- ▶ Smooth finish
- ▶ Ready for foot traffic after 5-6 hours
- ▶ High ultimate resistance
- ▶ Easy to apply

USES

- To obtain leveled surfaces
- To fill thicknesses or differential gaps between 10 - 60 mm (0.39 - 2.36 in)
- Ceresit GX can be used on: concrete, cement mortar, ceramic tile, natural stone, epoxy coverings and old substrates with firmly adhering adhesive residues
- The product is intended for indoor use. Do not use as finish

APPLICATION INSTRUCTIONS

1. Substrate preparation. The mortar or concrete floor to be leveled must have at least 28 days of age to obtain the complete setting, have full compressive strength and be moisture-free.

Ceresit GX must be applied on clean, dry, and non-cracked surfaces. In the event of cracks, repair them with Ceresit RS 88 repair mortar (see technical

datasheet). Do not repair structural cracks with Ceresit RS 88.

Before applying the leveling compound, pretreat the surface with the recommended Ceresit primer.

For porous and absorbent concrete floors or other materials, Ceresit R 777 primer shall be applied prior to the application of the self-leveling mortar to ensure a good seal and adhesion.

This primer must be diluted with clean water in a 1:1 ratio and allow to dry for 1-2 hours after its application. In highly porous substrates a second hand should be applied. (For further information, see the technical datasheet).

For smooth and non-absorbent surfaces, it is recommended to apply Ceresit R 766 primer according to the indications of the corresponding technical datasheet.

Once the repairs are made, the cracks are patched and the primer is applied, proceed to take the levels and place references ("masters") using Ceresit RS 88 adding water and mixing until a workable paste is achieved. The "masters" are placed at a rate of one for every 3 sq. m (10.76 sq ft) approximately, with the help of an optical level and taking as reference the levels of corridors, toilets, kitchens and the thickness of the final finish that will be used.

2. Application. Mixing: For the preparation of a 25 kg (55.12 lb.) bag, measure and pour 4 liters (1.06 gal) of clean, fresh water in a 30-liter (7.93 gal) container. By stirring up, slowly add a Ceresit GX bag. To achieve the correct mixing of the product and ensure a good performance, it is necessary to use a mixer or a drill with 650 rpm-speed fitted with appropriate blades or disks. Mix for 2 minutes, stop the mixing, scrape the walls and the bottom of the mixing vessel with a palette or wood paddle and mix for 2 more minutes until you get a smooth mixture free of lumps.

For further advancement, up to 3 bags can be mixed in a 60-liter (15.85 gal) container to produce 42 liters (11.1 gal) of mixture in one step. To perform this operation, with the mixer stirring, slowly add the bags content in a continuous manner. Once the last bag is added, you have to mix for 4 minutes, stop, scrape the material stuck to walls and bottom of the drum with the wood paddle. Finally, mix for 2 more minutes to achieve a perfectly homogeneous product. In this case, use a 1200 watts (1.6 hp) mixer equipment with variable speed (80 to 580 rpm) and suitable impeller discs. For more information regarding mixers, contact our technical customer service.

Application and finish: Pour the self-leveling mixture by sections and uniform parts immediately in a given area depending on the expected performance and in accordance with the calculated thickness; i.e., there must be an adequate control of areas against product consumption ready to have optimum control of yields

and thicknesses.

Apply the leveling compound with a toothed squeegee or smoothing trowel to achieve a uniform thickness. Simultaneously, pass a spikes roller repeatedly in both directions; this also helps to achieve a better product distribution. The appearance will be uniform over the entire surface in a light gray color. Let it dry for about 5 to 6 hours for foot traffic, and 24 hours to apply the desired finish. (See table of technical information)

Note. While passing the spikes roller, it is necessary that the person carrying out the maneuver, is equipped with spikes and that the task will be done in maximum 20 minutes after the application of Ceresit GX because the product starts setting and loses its leveling properties.

IMPORTANT INFORMATION

- Ceresit GX does not solve problems that may occur due to the existence of hydrostatic pressures as a result of groundwater levels. In this case, the application of a vapor barrier should have been foreseen from the floor construction
- In the presence of moisture problems, concrete must be waterproofed
- During the application and the drying process, prevent air currents and sunlight to avoid accelerated dehydration and defects in the applied product like cracks or wrinkles that simulate cracking in the leveling finish
- Intended use of this product is for areas with foot traffic (not for vehicle use)
- Do not apply the product when the room temperature is below 5° C (41°F) or over 50° C (122°F) At higher temperatures, the working effectiveness decreases, and the product setting accelerates
- Do not apply in areas with permanent humidity or outdoors
- Drying time depends on the thickness applied. A thin layer application dries faster and vice versa
- Not recommended for leveling on wooden surfaces.
- Do not apply on wet surfaces
- For the preparation of the product, use only clean, fresh water (20 - 25° C, 68 - 77°F)
- The floor to be leveled must be structurally sound and properly laid down, in such a way that it does not present any loose parts or subsidence caused by a poorly compacted ground or slabs hanging in the floor structures
- Do not add more water than indicated in the instructions
- To extend and standardize the thickness of the product, use the appropriate tools like a notched squeegee or a screed squeegee with screws to vary the thickness and finally pass a plastic spikes roller
- Do not mix Ceresit GX with other leveling compounds
- Once you open the bag, it should be fully used. In case of leftover, seal the bag to prevent moisture penetration and use the content as soon as possible
- Block AC registers or drainage by using wet paper
- Do not allow product to reach sewage system

- In case of using epoxy coatings as finish, do not use those containing solvents
- When movements of the floor or floor structures are recorded due to temperature or vibration, it is normal that some cracks appear on the product applied and already hardened. This does not affect the performance of the product since the cracks work beneath the coating or finish

SAFETY INFORMATION

Personal protective equipment must be used like rubber gloves for industrial use, goggles and a dust mask. Contains cement that produces a strong alkaline reaction with moisture, so you must protect your skin and eyes. In case of contact, wash immediately with water and seek medical advice. Good ventilation must be ensured during and after application and drying. Avoid eating, drinking or smoking during the use of this product. Keep out of the reach of children. Refer to SDS for more health & safety information.

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available at ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Light gray powder
Packaging	Paper bag, 25 Kg (55.12 lb)
Specific Weight	2.08 Kg/L (17.36 lb / USGal)
Amount of gauging water	4L / 25kg (1.06 gal / 55.12 lb)
Resulting mix volume	14 L (3.70 gal)
Working time	Aprox. 45 minutes
Ready for foot traffic	5 - 6 hours @ 2 - 5mm (0.08 - 0.20 in.)
Initial and final setting time	Initial: 2 - 3 hours Final: 3 - 4 hours
VOC content	0.0 ppm
Yield	1.8 kg/ m ² at 1 mm thickness (0.37 lb/sq ft at 0.04 in. of thickness)
Ready to receive floor covering	Up to 20mm (0.79 in): 1 - 2 days From 20 - 40 mm (0.79 - 1.57 in): 2 - 3 days From 40 - 60mm (1.57 - 2.36 in): 3 - 4 days
Compressive strength	100 Kg/cm ² (1,422 psi) at 3 days 200 Kg/cm ² (2,845 psi) at 28 days
Flexural strength	20 Kg/cm ² (284 psi) at 3 days 50 Kg/cm ² (711 psi) at 28 days
Maximum Stowage	4 superimposed pieces
Shelf life and storage conditions	9 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The information specified above were obtained in lab conditions: 24° C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and foot traffic, may vary depending on the environmental conditions and the thickness applied.

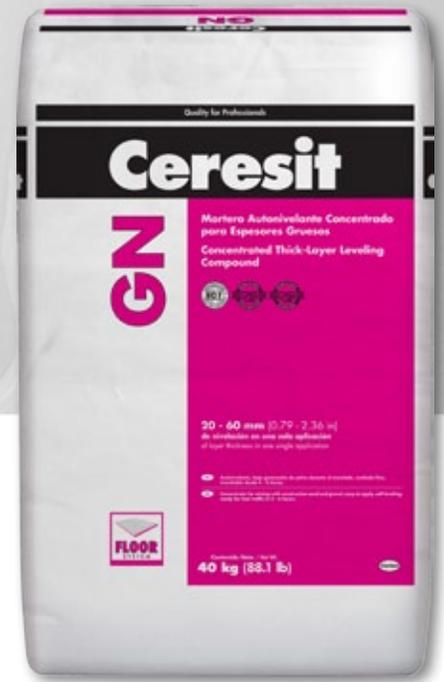
Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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Quality for Professionals

Ceresit



GN

Concentrated Thick-Layer Leveling Compound

For layers of 20 - 60 mm (0.79 - 2.36 in) in one single application



DESCRIPTION

Ceresit GN is cement-based, designed to be mixed with construction sand and 3/8" pea gravel, to increase volume, generating a self-leveling and contraction-free product to fill and level different thicknesses between 20 and 60 mm (0.79 - 2.36 in)

FEATURES & BENEFITS

- ▶ **Concentrate:** for mixing with construction sand and gravel
- ▶ **Easy to apply**
- ▶ **Self-leveling**
- ▶ **Ready for foot traffic in 4 or 5 hours**

- ▶ **Good final resistance**
- ▶ **Low dust generation while mixing.**

USES

- To correct uneven or irregular surfaces in concrete floors
- To achieve flat level surfaces on concrete floors
- To fill gaps or differential thickness between 20 and 60 mm (0.79 - 2.36 in)

APPLICATION INSTRUCTIONS

1. Substrate preparation. The concrete or mortar floor to be leveled must have at least 28 days of age to obtain the complete setting, full resistance and be free of moisture. Note: The concrete may set in less days, if in

its design a quicker achievement of its final resistance is considered. Ceresit GN must be applied to clean, dry surfaces without cracks, crevices or cavities. In case of fissures, cracks or cavities, repair with Ceresit RS 88 repair mortar (see technical datasheet).

Before applying the leveling compound, pretreat the surface with the recommended Ceresit primer. For porous or absorbent concrete floors or other materials, Ceresit R 777 primer must be applied prior to the application of self-leveling mortar to ensure good sealing and adhesion. This primer should be diluted with clean water in the ratio 1: 1 and allow to dry for 1-2 hours after its application. On very porous substrates a second coat should be applied. (For more information see the technical datasheet.)

For smooth and non-absorbent surfaces Ceresit R 766 primer is recommended, following the instructions of the corresponding technical datasheet.

Having made the necessary repairs, patching of cracks and application of a primer, proceed to determine levels and to put in place references ("masters") using Ceresit RS 88 by adding water and mixing until a workable paste is achieved. The "masters" are placed at a rate of one per each 3 m² (10.76 sq ft) approximately with the help of an optical level, taking as a reference the levels of the hallway, bathroom and kitchen levels and the thickness of the final finish that will be used.

2. Mixing. To achieve a proper mixing and good performance of the product, it is necessary to use mechanical equipment (mixers or concrete mixers) with the capacity needed to mix the desired product volume. A concrete mixer, the one commonly used at the construction site, is advisable.

Step by step instructions for mixing:

- 2.1. Turn the mixer on, adjust the speed to medium.
- 2.2. Wet the mixer container with clean water and drain completely before proceeding to the next step.
- 2.3. Pour 2 liters of clean fresh water into the container of the mixer.
- 2.4. Add a bucket and a half of sand (19 liter / 5.02 gal buckets) (48.0 kg / 105.82 lb) and mix 1 minute to achieve wetting of the sand.

Note: The above mentioned data was obtained in lab conditions, at 22oC+/-1 (71.6 °F) y 50% of relative humidity. Data specified for application time, setting, finish and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied..

- 2.5. Add a bucket and a quarter of 3/8 " gravel (bucket of 19 / 5.02 liters) (32.0 kg / 70.55 lb) and mix for 1 minute.

Note: Review the recommended sand and pea gravel features in the section of important information of this technical datasheet.

- 2.6. Measure 11 liters (2.91 gal) of clean water and pour only 9 liters (2.38 gal) of it into the mixture. The remaining water (2 L / 0.53 gal) should be used to

adjust the fluidity.

- 2.7. Empty a bag of Ceresit GN (40 kg / 88.18 lb) into the mixer and mix for 3 minutes.

Table amounts for each preparation (abstract)

Materials	Amount
Sand	48.0 kg / 105.82 lb
3/8" gravel	32.0 kg / 70.55 lb
Water	13.0 L / 3.43 gal
Ceresit GN	40.0 kg / 88.18 lb
Total mix in kg	133.0 / 293.21 lb
Total mix in liters	60.4 / 15.96 gal

2.8. Fluidity: With the help of a common 1/2-liter (0.13 gal) tin bucket (8.3 cm / 3.27 in in diameter with 10.5 cm / 4.13 in in height), having removed the bottom and the top ring to make a cylinder, proceed as follows:

- a) On a smooth, leveled base (plywood, wood, glass, plasterboard or metal) of approximately 40 x 40 cm (15.75 x 15.75 in), stretch out a polyethylene sheet and fix it on it.
- b) Place the cylinder upright on the base center. Fill it with the mixture making up to volume. Immediately proceed to slowly lift the cylinder, with which the product will begin to flow from below it.
- c) According to recommended fluidity, the mixture should reach between 30 and 34 cm (11.8 in and 13.4 in) of diameter in 1 minute.

Notes:

-At failure to achieve said fluidity, add some water from the 2 liters (0.53 gal) that were spared, according to instruction in paragraph 2.6.

- It is only necessary to follow the procedure of paragraph 2.8. for the two or three first mixes done on each construction site, with which the amount of water to be added shall have been established.

Application: Pour the self-leveling mixture in defined sections and uniform parts per area, depending on the expected results and according to the thickness calculated; that means, for optimum performance results and thickness, take proper control of the area covered vs. consumption of prepared mixture.

Distribute the mixture with a spiked roller on the surface repeated times in both directions; this will contribute to a better surface of the finished product. Its appearance over the entire surface will be of uniform light gray.

To place the topcoat after crowning, the system should be allowed to dry as indicated in the following table:

Thickness	Hours of drying time
20 mm / 0.79 in	24 h
40 mm / 1.57 in	48 h
60 mm / 2.36 in	72 h

Note: Indicated drying time can vary significantly depending on the thickness applied, the conditions of temperature and relative humidity % of the room.

IMPORTANT INFORMATION

- It is highly recommended to previously measure levels with the help of an optical level for proper estimation of product consumption
- The sand used should be mining sand (The use of sand with light, inorganic or volcanic material is not recommended. For more information consult the technical department)
- Nr. 4 (3/8 ") limestone or basalt gravel (gravel type) must be used; it is not advisable to use andesite gravel or of volcanic origin
- During the application and drying process, prevent drafts and sunlight, thus eliminating the risk of accelerated dehydration and surface defects such as cracks or wrinkles with the appearance of cracks
- This product is recommended for pedestrian traffic areas (light), not so for vehicular use
- Ceresit GN cannot solve problems that arise due to the existence of hydrostatic pressures as a result of ground-water levels. To avoid these cases, a vapor barrier must be put in place from the very moment of the initial floor construction. To avoid humidity problems, concrete must be waterproofed
- When ambient and room temperatures are below 5 ° C (41 ° F) or above 50 ° C (122 ° F), do not apply the product. The higher the temperature, the lesser workability; setting is accelerated and cracks may appear because of accelerated dehydration of the product
- Not recommended for the leveling on wooden surfaces
- Do not use on wet surfaces or surfaces with permanent humidity
- To mix the product use only clean, fresh water (20-25 ° C / (68 – 77 ° F). Do not add more water than recommended in the instructions
- The mortar or concrete floor to be leveled must be structurally sound and with no loose parts nor debris
- Do not mix Ceresit GN with other leveling compounds
- Open bags should be used up completely. In case of leftovers, seal the bag to block the entry of moisture and use the contents as soon as possible
- Block electrical cabinets and sockets or drains by using wet paper
- Do not pour left-over mixture into the drainage system
- When using epoxy coatings as a finish, do not use those containing solvents
- In case of movement of the floor or mezzanine by effect of temperature changes or vibration, some cracks may appear on the applied and already hardened product. This does not affect product performance, as the fissures will stay below the coating or finish

SAFETY INFORMATION

You must use personal protective equipment such as rubber gloves for industrial use, safety goggles and a dust mask.

It contains cement which produces strong alkaline reaction to moisture, so you must protect your skin and eyes. In case of contact, wash immediately with plenty of water and seek medical advice.

Keep out of the reach of children.

The product safety sheet is available at: www.ceresit.com.mx

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available at ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Light gray powder
Packaging	Paper bag, 40kg (88.18 lb)
Specific Weight	2.2 Kg/L (18.36 lb/USGal)
Amount of gauging water	11L/40kg (2.91 gal / 88.18 lb)
Resulting mix volume (with aggregates)	60.4L (15.96 gal)
Working time	20 minutes
Ready for foot traffic	4 - 5 hours @ 20 mm (0.79 in) thickness
Final setting time	Final: 240 minutes
VOC content	1.0 ppm
Yield	60.4 L/m ² at 1 mm thickness (1.48 gal/sq ft at 0.04 in of thickness)
Ready to receive floor covering	Up to 20 mm (0.79 in): 1 day From 20-40 mm (0.79 - 1.57 in): 2 days From 40-60 mm (1.57 - 2.36 in): 3 days
Compressive strength	55 Kg/cm ² (782 psi) at 3 days 85 Kg/cm ² (1,209 psi) at 28 days
Flexural strength	5 Kg/cm ² (71 psi) at 3 days 10 Kg/cm ² (142 psi) at 28 days
Maximum Stowage	6 superimposed pieces
Shelf life and storage conditions	Up to 9 months in closed original packaging. Keep in cool and dry place, protected from sunlight and moisture

Notes: The above mentioned data were obtained in lab conditions, at 24°C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



Henkel

Customer service: web.fester@henkel.com
www.ceresit.com.mx y www.ceresit-usa.com

Quality for Professionals

Ceresit



GL

Standard Thick-Layer Leveling Compound

For layers of 10 - 60 mm (0.39 - 2.36 in) in one single application



DESCRIPTION

Ceresit GL is a mortar with self-leveling properties and shrinkage-free. Composed of hydraulic cement, selected silica sand and special additives that, when mixed with water, form a self-leveling and smooth mass ideal for achieving smooth and leveled surfaces on concrete floors.

FEATURES & BENEFITS

- ▶ Self-leveling
- ▶ Low dust generation during mixing
- ▶ Fast setting
- ▶ Ready for foot traffic in 5-6 hours
- ▶ Good ultimate resistance
- ▶ Easy to apply

USES

- Obtain leveled surfaces
- Fill thicknesses or differential gaps between 10 - 60 mm (0.39 - 2.36 in)
- Ceresit GL can be used on: concrete, cement mortar, ceramic tile, natural stone, epoxy coverings and old substrates with firmly adhering adhesive residues
- The product is intended for indoor use. Do not use as finish

APPLICATION INSTRUCTIONS

1. Substrate preparation. The mortar or concrete floor to be leveled must have at least 28 days of age to obtain the complete setting, have full compressive strength and be moisture-free.

Ceresit GL must be applied on clean, dry, and non-cracked surfaces. In the event of cracks, repair them with Ceresit RS 88 repair mortar (see datasheet). Do not repair structural cracks with Ceresit RS 88.

Before applying the leveling compound, pretreat the surface with the recommended Ceresit primer.

For porous and absorbent concrete floors or other materials, Ceresit R 777 primer shall be applied prior to the application of the self-leveling mortar to ensure a good seal and adhesion.

This primer must be diluted with clean water in a 1:1 ratio and allowed to dry for 1-2 hours after its application. In highly porous substrates a second hand should be applied. (For further information, see the technical datasheet).

For smooth and non-absorbent surfaces, it is recommended to apply Ceresit R 766 primer according to the instructions of the corresponding technical datasheet.

Once repairs are made, cracks patched and primer applied, proceed to take the levels and place references ("masters") using Ceresit RS 88 adding water and mixing until a workable paste is achieved. The "masters" are placed at a rate of one for every 3 sq m (10.76 sq ft) approximately, with the help of an optical level and taking as reference the levels of corridors, toilets, kitchens and the thickness of the final finish that will be used.

2. Application. Mixing: For the preparation of a 25 kg (55.12 lb) bag, measure and pour 3 liters (0.79 gal) of clean, fresh water in a 30-liter (7.93 gal) container. By stirring up, slowly add a Ceresit GL bag. To achieve the correct mixing of the product and ensure a good performance, it is necessary to use a mixer or a drill with 650 rpm-speed fitted with appropriate blades or disks. Mix for 2 minutes, stop the mixing, scrape the walls and the bottom of the mixing vessel with a palette or wood paddle and mix for 2 more minutes until you get a smooth mixture free of lumps.

For further advancement, up to 3 bags can be mixed in a 60-liter (15.85 gal) container to produce 37.5 liters (9.91 gal) of mixture in one step. To perform this operation, with the mixer stirring, slowly add contents of the bags in a continuous manner. Once the last bag is added, mix for 4 minutes, stop, scrape the material stuck to walls and bottom of the drum with the wood paddle. Finally, mix for 2 more minutes to achieve a perfectly homogeneous product. In this case use a 1200 watts (1.6 hp) mixer equipment with variable speed (80 to 580 rpm) and suitable impeller discs.

For more information regarding mixers, contact technical customer service.

Application and finish: Pour the self-leveling mixture by sections and uniform parts immediately in a given area depending on the expected performance and in accordance with the calculated thickness; i.e., there must be an adequate control of areas against product consumption ready to have optimum control of yields and thicknesses.

Apply the leveling compound with a toothed squeegee or smoothing trowel to achieve a uniform thickness. Simultaneously, pass a spikes roller repeatedly in both directions; this also helps to have a better product

distribution. The appearance will be uniform over the entire surface in a light gray color. Let it dry for about 5-6 hours for foot traffic, and 24 hours to apply the desired finish. (See table of technical information)

Note. While passing the spikes roller, it is necessary that the person carrying out the maneuver is equipped with spikes and that the task will be done in maximum 20 minutes after the application of Ceresit GL because the product starts setting and loses its leveling properties.

IMPORTANT INFORMATION

- Ceresit GL does not solve problems that may occur due to the existence of hydrostatic pressures as a result of groundwater levels. In this case, the application of a vapor barrier should have been foreseen from the floor construction
- In the presence of moisture problems, concrete must be waterproofed
- During the application and the drying process, prevent air currents and sunlight to avoid accelerated dehydration and defects in the applied product like cracks or wrinkles that simulate cracking in the leveling finish
- Intended use of this product is for areas with pedestrian traffic (not for vehicle use)
- Do not apply the product when the room temperature is below 5° C (41°F) or over 50° C (122°F) At higher temperatures, the working effectiveness decreases and the product setting accelerates
- Do not apply in areas with permanent humidity or outdoors
- Drying time depends on the thickness applied. A thin-layer application dries faster and vice versa
- Not recommended for leveling on wooden surfaces.
- Do not apply on wet surfaces
- For the preparation of the product, use only clean, fresh water (20 - 25° C, 68 - 77°F)
- The floor to be leveled must be structurally sound and properly laid down, in such a way that it does not present any loose parts or substances caused by a poorly compacted ground or slabs hanging in the floor structures
- Do not add more water than indicated in the instructions
- To extend and standardize the thickness of the product, use the appropriate tools like a notched squeegee or a screed squeegee with screws to vary the thickness and finally pass a plastic spikes roller
- Do not mix Ceresit GL with other leveling compounds
- Once you open the bag, it should be fully used. In case of leftover, seal the bag to prevent moisture penetration and use the content as soon as possible
- Block AC registers or drainage by using wet paper
- Do not allow product to reach sewage system
- In case of using epoxy coatings as finish, avoid using those containing solvents
- The later application of Ceresit DM, Ceresit DX or Ceresit DX XPRESS (see the relevant technical sheet) as

crowning of 2 - 5 mm (0.08 - 0.20 in), can be done after 3.5 and up to 5 hours after the application of Ceresit GL without need of a primer. After 5 hours it will be necessary to prime according to the instructions mentioned above

- When movements of the floor or floor structures are recorded due to temperature or vibration, it is normal that some cracks may appear on the product applied and already hardened. This does not affect the performance of the product since the cracks work beneath the coating or finish

SAFETY INFORMATION

Personal protective equipment must be used like rubber gloves for industrial use, goggles and a dust mask.

Contains cement that produces a strong alkaline reaction with moisture, so you must protect your skin and eyes. In case of contact, immediately wash thoroughly with water and seek medical advice. Good ventilation must be ensured during and after application and drying. Avoid eating, drinking or smoking during the use of this product. Keep out of the reach of children.

Refer to Safety Data Sheet for additional health & safety information.

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available at ceresit.com and ceresit.com.mx

TECHNICAL DATA

Supplied as	Light gray powder
Packaging	Paper bag, 25 Kg (55.12 lb)
Specific Weight	2.24 Kg/L (18.69 lb / USGal)
Amount of gauging water	3 L / 25 Kg (0.79 gal / 55.12 lb)
Resulting mix volume	12.5 L (3.30 gal)
Working time	Aprox. 30 minutes
Ready for foot traffic	4 - 6 hours @ 2 - 5mm thickness (0.08 - 0.20 in)
Initial and final setting time	Initial: 1h 50min Final: 2h 20min
VOC content	0.0 ppm
Yield	2 kg/ m ² at 1 mm thickness (0.41 lb/sq ft at 0.04 in of thickness)
Ready to receive floor covering	Up to 20mm (0.79 in): 1 - 2 days From 20 - 40 mm (0.79 - 1.57 in): 2 - 3 days From 40 - 60mm (1.57 - 2.36 in): 3 - 4 days
Compressive strength	60 Kg/cm ² (853 psi) at 3 days 120 Kg/cm ² (1707 psi) at 28 days
Flexural strength	15 Kg/cm ² (213 psi) at 3 days 30 Kg/cm ² (427 psi) at 28 days
Maximum Stowage	4 superimposed pieces
Shelf life and storage conditions	9 months in closed original packaging. Keep in a cool and dry place, protected from sunlight and moisture

Notes: The information specified above were obtained in lab conditions: 24° C (75°F) +/- 1 and 50% of relative humidity.

Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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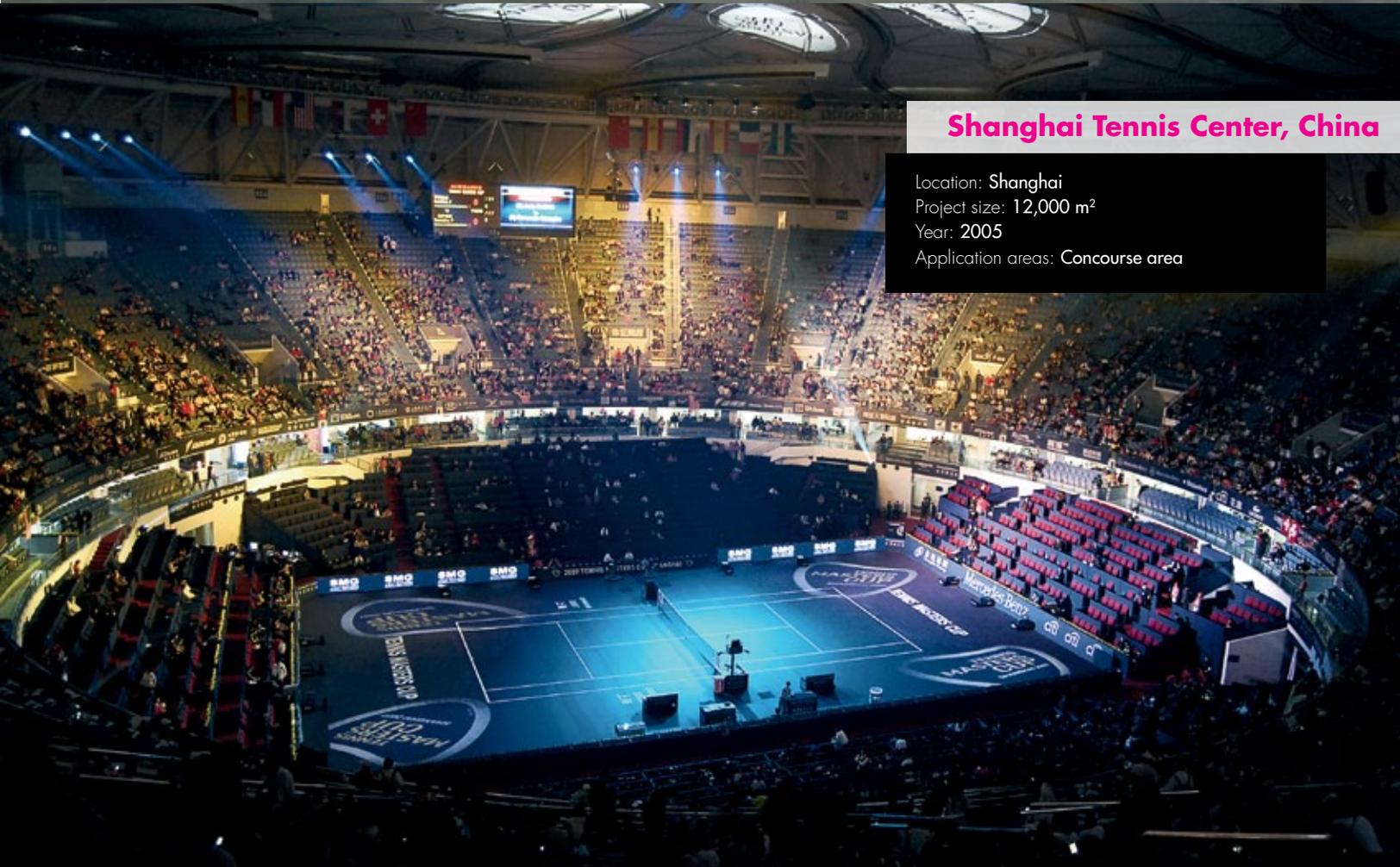
Wembley Stadium, England

Location: London, England
Project size: 200,000 m²
Year: 2007
Application areas: Concourse area



Shanghai Tennis Center, China

Location: Shanghai
Project size: 12,000 m²
Year: 2005
Application areas: Concourse area





Ceresit

Adhesives

Ceresit



TAPIZOL 1125

Tapestry adhesive



DESCRIPTION

Ceresit Tapizol 1125 is a water-based, white-color, smooth paste formulated based on PVA resins.

FEATURES & BENEFITS

- ▶ Ready to use
- ▶ Easy to apply
- ▶ Fast drying
- ▶ Good performance
- ▶ Excellent adhesion

USES

Designed to adhere tapestry with fabric or paper support to walls, ceilings or columns finished with plaster, cement-sand, plaster panels, wood, etc.

APPLICATION INSTRUCTIONS

1. Surface preparation. The surface must be dry, smooth, clean and uniform. Damaged or poorly attached paint must be removed.

If the surface has irregularities, it must be leveled or patched with mortar or plaster. It is suggested to do it with the following repair mixture, as appropriate. 3 parts of plaster, 2 parts of water and 0.5 parts of Ceresit Tapizol 1125. For mortar, the recommended ratio is 4.5 parts of sifted sand, 1.5 parts of cement, 1 part of water and 1 part of Ceresit Tapizol 1125. Application using wedge or spatula.

Note: Proportions are by volume.

Repaired surfaces must be dry and clean (dries approximately from one day to another, depending on the patching volume)

If it is a new surface, to facilitate the application and improve the results of the adhesive, apply the primer

Ceresit R 777, diluted 1 to 1 with clean water to seal the porosity of the substrate. Let it dry for 1.5 to 2 hours.

2. Application. Apply a uniform layer of Ceresit Tapizol 1125 by means of brush, wedge or unnotched trowel on the canvas to be pasted.

Paste the tapestry on the surface before adhesive dries. When Ceresit Tapizol 1125 is still wet, you will be allowed to move it by slightly moving the canvas so you can align the pattern of the tapestry.

Press and extend the tapestry with an unnotched trowel or wedge by sliding it on the canvas from the center toward the edges to avoid folds and air bubbles.

PRECAUTIONS

- Apply it on well leveled surfaces
- Do not apply on wet surfaces
- Do not mix Ceresit Tapizol 1125 with other products
- After opening the packaging, preferably use the product completely, if there is excess, it must be closed to prevent the entry of air or contamination

RECOMMENDATIONS

For use, wear rubber gloves. Keep out of the reach of children.

For further information, see safety measures in the label or the safety data sheet. The safety data sheet of the product is available at ceresit.com and ceresit.com.mx

WARNING



Warning. May cause an allergic skin reaction. May damage fertility or the unborn child. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapors, mist, or spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection.

IF ON SKIN: Wash with plenty of water. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. Store locked up. Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

TECHNICAL DATA

VOC content	0.53 g/L
Supplied as	White creamy paste
Packaging	Can, 4 L (1.06 Gal)
Brookfield Viscosity @ 25°C (77°F) Rod No. 6 at 10 rpm. Ps	550 - 900
Solid Content	41 - 44%
Density @25°C (77°F), gr/cm ³	1.00 – 1.10
pH @25°C (77°F)	4.5 - 5.5
Toxicity	Non-toxic except when ingested
Yield	3.5 – 4 m ² /L (9.95 – 11.37 sq ft / Gal)
Flammability	Non-flammable (water-based)
Maximum Stowage	Box of 4: 8 superimposed pieces
Shelf life and storage conditions	In its original unopened packaging, it retains its properties for 12 months, keep it in cool and dry places, under roof.

Notes: Included data were obtained in lab conditions, at 24°C (75.2°F) +/- 1 and 50% of relative humidity. Data specified for application time, setting, finish, and pedestrian traffic, may vary depending on the environmental conditions and the thickness applied.

Recommendations provided in this data sheet are based on laboratory tests and our experience. Nevertheless, while the methods and conditions under which this product will be applied are beyond our control, it is advisable that users perform functional tests according to their needs. For any questions or cases not covered, consult our Technical Customer Service.



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Quality for Professionals

Quality worldwide – for your professional success.

Starting as a small, family firm, Henkel has grown over the past 130 years into an innovative, customer-driven, and highly successful global company.

Today, Henkel, with its leading brands and technologies, makes people's lives easier, better and more beautiful. As many as 50,000 people in 125 countries work for the company in three strategic business sectors: Adhesive Technologies, Laundry/Home Care and Cosmetics/Toiletries. An integral part of Adhesive Technologies is the Henkel Building Systems department which serves the needs of the construction industry and professional craftsmen. Our extensive know-how, highly innovative products based on superior technologies and customized system solutions help not only professional users but all our customers to be more successful and efficient while preserving the Earth's natural resources.



Be sure there is sufficient air and ventilation



Pumpable



Use of float of leveling products



Roller Technique



Appropriate for wheel use (with proper covering)



For use under-floor heating



Use of rake / Spreadability technique

Your expert partner for floor covering technology



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