R 777

Dispersion primer

For absorbent screeds and concrete floors

CHARACTERISTICS

- Binds residual dust
- Closes screed pores and adjusts the absorbency
- Powerful bonding bridge
- Very high coverage

SCOPE OF USE

Very low-emission dispersion primer used as a bonding bridge for Ceresit levelling and smoothing compounds on absorbent substrates such as cement screeds and concrete floors, calcium sulfate screeds, levelling and smoothing compounds, dry construction boards. Can also be used before directly bonding floor coverings on suitable substrates with Ceresit adhesives. Ceresit R 777 is not a barrier against moisture.

SUBSTRATE PREPARATION

Subfloors must comply with the requirements of comparable national standards. In particular they must be clean, free from structural defects, firm, permanently dry and free of release agents. In case of cement based substrates, any laitance must be removed using suitable machines. Always grind sulphate screeds (with sandpaper, grain size 16) and vacuum clean.

APPLICATION

Shake well before use. On screeds dilute Ceresit R 777 1:1 with water, on concrete floors use Ceresit R 777 undiluted. Apply evenly with a lambskin roller. Do not allow the primer to form puddles. A second coat may be necessary on porous, very absorbent substrates after drying.

PLEASE NOTE

- Do not install floor coverings at floor temperatures below 15°C or at a relative humidity above 75 %.
- Clean equipment with water immediately after use.
- Use only clear water to dilute the product.
- Remove fresh spots of product immediately with a damp cloth.
- Keep containers tightly closed when not in use, and use up the contents quickly.

The drying time depends on the relative humidity and absorbency of the subfloor. These times will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with nonabsorbent subfloors.

PRODUCT SAFETY

Ceresit R 777 is solvent-free and a suitable alternative to solvent containing products. No special safety pre- cautions are necessary when working with the product. The risk of medium- or long-term release of appreciable concentrations of volatile organic chemicals (VOC) into the ambient air is negligible. Nevertheless ensure adequate ventilation during and after application and drying. Avoid eating, drinking or smoking while working with the product.
Protect eyes and skin. In case of contact with eyes or skin rinse immediately with plenty of water. After eye contact also seek medical advice.
Product for professional users.
Safety data sheet available on www.ceresit.com
EMICODE EC 1 PLUS very low-emission according to GEV

CERESIT C_R 777_TDS_1_0321

DISPOSAL

Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/ soil. Only recycle totally empty packages. Dispose of hardened product residues as industrial waste similar to household waste or in the container for commercial/ construction site waste. Dispose of unhardened product residues as hazardous waste.
European waste code number (EWC): 08 04 10.

STORAGE

12 months, cool and dry.

PACKAGING

Plastic canister, 5 kg and 10 kg.

TECHNICAL DATA

Supplied as:	liquid
Colour	transparent
Density	approx. 1.00 + 0.05 kg/L
Coverage:	
- cement screeds, calcium	approx. 200 g/m², sulphate screeds, levelling (diluted 1:1 with water) compounds, dry building boards
- concrete floors	approx. 300 g/m², (undiluted)
Drying time before screeding work:	
- gypsum-based Ceresit levelling compounds on calcium sulfate screeds	none
- cement screeds, concrete	approx. 30 min
- calcium sulphate screeds, dry building boards	at least 6 hrs.
Drying time before direct bonding of floor coverings:	
- solvent-based and	approx. 6 hrs. dispersion adhesives
- PUR adhesives	approx. 24 hrs.
Temperature resistance:	
- after curing	up to +50°C
- for transport	5°C to 50°C
- for storage	10°C to 30°C

The above times are based on normal climatic conditions (23 °C/50 % rel. humidity). Other climate conditions can result in a lengthening or reduction in curing and drying times.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

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Quality for Professionals

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