



CN 69

Floor Levelling Compound

2 to 10 mm self levelling compound for indoor use

CHARACTERISTICS

- ▶ Smooth surface, self levelling
- ▶ Resistant to concentrated loads
- ▶ Excellent crack resistant
- ▶ Pumpable

SCOPE OF USE

Ceresit CN 69 is a Self-levelling compound suitable for concrete, cement-sand screed and other mineral bases to create smooth surface ready to receive textile, PVC, Linoleum and rubber coverings as well as ceramic tiles. Also, suitable for heated floors. Ceresit CN 69 is recommended only for dry indoor areas.

SUBSTRATE PREPARATION

Ceresit CN 69 adheres to all solid, load-bearing, clean and dry concrete surfaces free of substances which can cause separation. Wax coatings, oil, grease and adhesive stains must be removed completely. Concrete floors and cement screeds: Loose and soft layers of the subfloor should be removed mechanically. Clean the surface and remove the dust.

Priming

Prime the substrate with Ceresit R 777 Primer. 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, highly absorbent substrates after drying. Apply Ceresit CN 69 when the primed surface is dry (approx. after 1 to 4 hours depending on the climate conditions). Nonabsorbent substrates (e.g. old tile coverings): Clean nonabsorbent substrates such as old tile coverings or floors with adhesive residues mechanically. Apply R 766 with a lambs wool roller onto the cleaned substrate with not more than 0.100kg/m² R 766 diluted 1:1 with water.

The ingress of moisture into the floor structure must always be prevented by suitable measures (e.g. waterproofing membranes, barrier primers). This applies in particular to composite structures and concrete floors.

APPLICATION

Pour 5.5-6.0 liters of clean water into a mixing bucket and slowly add full bag (23kg) Ceresit CN 69, to get a lump free, homogeneous mix. Use appropriate mechanical stirrer (with suitable mixing paddle) at approx. 600 rpm for 3minutes. Apply the levelling compound to the prepared, primed floor with either a flooring rake or smoothing trowel to the desired layer thickness. Once the material is evenly spread, roll the surface with an appropriate spike roller to eliminate the entrapped air. Protect the finished surface layer against too rapid drying (direct sunlight etc.). The mixed quantity of Ceresit CN69 must be used within application time of approx. 20-25 minutes @ 23°C.

PLEASE NOTE

Only carry out floor installation work if the floor temperature is above 15 °C, air temperature above 18°C and relative humidity below 75 %.

- Wait until the applied product is completely dry before continuing with the next steps. For this purpose, ensure favorable climatic conditions (recommended: 50 % rel. humidity, 20°C) and adequate air circulation.
- Protect the freshly applied levelling compound from direct sunlight and draughts.
- Do not mix the product with other floor levelling compounds.
- Do not use outdoors or in areas directly or indirectly exposed to moisture. If in doubt, use suitable moisture barriers.

Ceresit CN 69 is a Polymer-modified cement/gypsum combination that sets off an alkaline reaction with water. The risk of medium- or long-term release of appreciable concentrations of volatile organic substances (VOC) into the ambient air is negligible. Nevertheless, ensure good ventilation during and after application and drying. Avoid eating, drinking or smoking while processing this product. Strongly alkaline reaction with moisture, so protect skin and eyes. After contact, wash immediately with plenty of water. After eye contact also seek medical advice.

HEALTH & SAFETY

As with all construction chemical products caution should always be exercised. Protective clothing such as gloves and goggles shall be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

STORAGE & SHELF LIFE

Store in a cool, dry place and keep away from all sources of heat and sunlight. In tropical climates, store in air condition rooms is advisable.

The shelf life is up to 12 months in un-opened conditions and if stored as per recommendations. Excessive exposure to sunlight, humidity and UV will result in the deterioration of the quality of the product and reduce its shelf life.

TECHNICAL DATA

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| Supplied as | powder |
| Colour | grey |
| Powder density | 1.23± 0.02 kg/L |
| Mix proportions | 5.5 – 6.0 Litre of water for 23 kg dry mortar |
| Application time | 20–25 minutes |
| Application temperature | 10°C up to 40°C |
| Consumption (theoretical) | 1.6 kg/m ² per 1 mm layer thickness |
| Flexural strength* (ASTM C 580 -98) | > 5.0 N/mm ² |
| Compressive strength at 28 days* (ASTM C 579 -01) | > 20.0 N/ mm ² |
| Walk-on time | 4-6 hours @ 35°C |
| Ready for covering | after 24hours up to 5 mm @ 35°C 48hours up to 10mm @ 35°C |
| Packaging | 23 kg paper bag |

*Tested with 22% W/p ratio

All tests carried out under standard laboratory conditions and subjected 5-10% tolerance.

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. 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 at laboratory conditions 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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