

# IN 35



## Render and Skim Coat

Gypsum-based rendering skim coat for filling defects on wall and ceiling surfaces and for skimming surfaces finished with paint coats and wallpapers

### CHARACTERISTICS

- ▶ machine application possible
- ▶ easy to grind
- ▶ layer thickness up to 5 mm
- ▶ vapour permeable
- ▶ with increased water retention
- ▶ with very good adhesion
- ▶ surfaces finished with the coat can be painted with any kind of paint



### APPLICATION

Ceresit IN 35 is perfectly suitable for filling cracks, scratches and cavities on wall and ceiling surfaces. Thanks to 1nSure technology the material also enables to achieve smooth and durable surface which is suitable to be used under any types of paint coats. In addition, the material forms a solid and stable substrate for papering. Moreover, Ceresit IN 35 is the ideal choice for making the so-called starting layer for the Finish skim coat Ceresit IN 45 and ready-to-use finish skim coat Ceresit IN 46. Render and skim coat Ceresit IN 35 can be used to fix corner beads. Thanks to its special formula, the material is characterised by high water retention. IN 35 render skimming coat has excellent adhesion to gypsum substrates, plasterboards, aerated concrete, cement and cement-and-lime plasters. It can also be applied on concrete substrates. Ceresit IN 35 can be applied by machine, using appropriate devices. The material must not be used on wood-derivatives, metal, glass or plastic substrates or in rooms with high humidity.

### SUBSTRATE PREPARATION

Ceresit IN 35 can be applied on load-bearing substrates that are dry and free from grease, bitumen, dust, loose plaster grains and other substances decreasing adhesion, e.g.:

- cement and cement-and-lime plasters (age above 28 days, moisture  $\leq 4\%$ ), concrete (age above 3 months, moisture  $\leq 4\%$ ) – primed with Ceresit IN 10 primer,
- gypsum substrates with moisture content below 1% – primed with Ceresit IN 10 primer,



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- gypsum-fibre boards and plasterboards, fixed according to the recommendations of board manufacturers – primed with Ceresit IN 10 primer,
  - paint coats – strong, highly adhesive.
- Any stains and layers of poor strength shall be completely removed. This also applies to any anti-adhesion substances and paint coats.
- Dry and very absorbent substrates, in particular walls made of aerated concrete or silicate blocks, shall be primed with Ceresit IN 10 primer and left to dry for approximately 2 hours.

### APPLICATION

The content of the package should be poured to a precisely measured amount of clean, cool water and stirred using a drill with a mixer until it forms a homogeneous mixture, free of lumps. Leave for approximately 5 min. and then stir the mixture again. If necessary, increase the quantity of water by approx. 3 % for a package and mix again. When patching larger areas, the material can be applied in multiple thin layers or in a single, thicker layer. After application, the material shall be smoothed using a wide stainless steel float and left to dry. After the initial hardening of the material, the surface is ready for smoothing with sandpaper or a grinding mesh and a so-called giraffe grinder. In case of bigger unevenness, the material shall be spread once again in thin layers and if necessary the procedure must

be repeated (after the preceding layer has dried completely). It is recommended to apply single layers of thicknesses not exceeding 5 mm. Layers thinner than 1 mm shall be avoided. The dried layer shall be ground, dust shall be removed, and the entire surface shall be primed and painted.

In case of machine application, the manufacturer recommends using a plastering unit Graco, model T-MAX, nozzle size TMX 651.

The coat may be painted after it has dried and primed with IN 10 (only with the use of a paint roller). For papering, appropriate Metylan glues shall be used and the recommendations of the manufacturer shall be followed.

## PLEASE NOTE

Works should be carried out in dry conditions, with air and ground temperature ranging from +10 °C to +25 °C. All data refer to the temperature of +20 °C and relative air humidity of 50 %. Faster or slower material setting may occur in different conditions.

IN 35 contains gypsum and has a neutral pH value when mixed with water. Skin and eyes should be protected. Keep out of reach of children. Do not breathe dust. In the case of contact with eyes, eyes should be rinsed with plenty of water, and medical advice should be sought.

Should you need support or advice, please consult our advisory service for architects and craftsmen on the **hotline numbers Phone: +49 211 797 0 Fax: +49 211 798 2148**

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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## OTHER INFORMATION

This technical data sheet defines the scope of use for the material and the recommended way of conducting works; however, it cannot replace professional experience of a contractor. Apart from the recommendations given in this document, the works should be carried out in accordance with construction standards and the rules of occupational health and safety. The manufacturer guarantees the quality of the product but has no influence on the conditions and method of its use. In the case of any doubts, a sample procedure should be carried out. With the publication of this technical data sheet, all previous sheets become invalid.

## STORAGE

Up to 12 months from the production date, if stored on pallets, in dry conditions, in original and undamaged packages.

## PACKAGING

Bags of 20 kg and 10 kg and 3 kg.

## TECHNICAL DATA

Base:	a mixture of gypsum binders with mineral fillers and modifiers
Bulk density:	approx. 1.0 kg/dm <sup>3</sup>
Mixing ratio:	9.0÷11.0 l of water for 20 kg 4.5÷5.5 l of water for 10 kg 1.35÷1.65 l of water for 3 kg
Application temperature:	from +10 °C to +25 °C
Application time:	up to 2 hours
Drying time:	it depends on the thickness of the applied layer and on the conditions of application – for example, the drying time is approximately 7 hours for a layer 1–2 mm thick, at temperature of +20 °C and relative air humidity of 50 %
Initial setting time:	> 20 min
Bending tensile strength:	≥ 1.0 N/mm <sup>2</sup>
Compression strength:	≥ 2.0 N/mm <sup>2</sup>
Substrate adhesion:	≥ 0.1 N/mm <sup>2</sup>
Content of gypsum binder in terms of CaSO <sub>4</sub> %:	< 50
Approximate consumption:	about 1 kg/m <sup>2</sup> per each mm of the layer thickness
Reaction to fire:	Class A1
Bending tensile strength:	> 200 (according to PN-EN 13963)

The product is compliant with the PN-EN 13279 standard, class B2/50/2.