

## IN 46



### Ready-to-use Finish Skim Coat

White ready-to-use skimming coat to be used as the final finishing layer under paint coats and wallpapers

#### CHARACTERISTICS

- ▶ ready-to-use
- ▶ optimal hardness and elasticity
- ▶ high strength
- ▶ machine application possible
- ▶ easy to grind
- ▶ ideal for paint coats
- ▶ with very good adhesion
- ▶ resistant to lamination
- ▶ resistant to yellowing in sunlight
- ▶ surfaces finished with the coat can be painted with any kind of paint
- ▶ for indoor use



#### APPLICATION

The ready-to-use finish skim coat Ceresit IN 46 is used to achieve white and smooth wall and ceiling surfaces to be finished with paint coats and wallpapers. After setting completely, it creates a durable, solid and stable substrate. Thanks to the use of the InSure technology and special SMART POLYMER fillers, a perfectly smooth and resistant surface can be achieved. The material is ready for use, it is easily applied and processed. Any unused product should be stored in a sealed bucket. The material has excellent adhesion to gypsum substrates, plasterboards, aerated concrete, cement and cement-and-lime plasters. It can also be applied on concrete substrates.

The material must not be used on wood-derivatives, metal, glass or plastic substrates. Do not use in rooms with high humidity. Ceresit IN 46 can be applied by machine, using appropriate devices.

Render and skim coat Ceresit IN 35 shall be used for making the starting layer and for filling cracks and scratches.

Ceresit IN 46 meets requirements of the national regulations regarding emission of hazardous substances and can be used in A and B category rooms intended for human occupancy.

#### SUBSTRATE PREPARATION

Ceresit IN 46 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.:



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

White render & finish skim coat Ceresit IN 46 is ready for use. After opening, the content of the package shall be thoroughly mixed with a mixing paddle.

If necessary, increase the quantity of water by approx. 2 % for a package and mix again.

For mechanical application, the water addition will be approx. 4 %.

The material shall be applied on the surface with a metal float. After application, the material shall be smoothed using a wide metal float made of stainless steel and left to dry. After the 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). The dried layer shall be ground, dust shall be removed, and the entire surface shall be primed and painted. For priming it is recommended to use only a paint roller.

It is not recommended to grind the surface between application of the subsequent layers. If it is necessary, after grinding the dust must be removed.

It is recommended to apply single layers of thicknesses not exceeding 3 mm. Layers thinner than 1 mm shall be avoided.

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 completely and has been primed with Ceresit IN 10.

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.

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.

Skin and eyes should be protected. Keep out of reach of children. In case of contact with eyes, they should be rinsed with plenty of water and medical advice should be sought.

## 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 work 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 the method of its use. In case of doubt, 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 in cool conditions and in original and undamaged packages, at temperature from +5 °C to +35 °C. Protect from frost! Protect from direct sunlight. Completely empty packages shall be taken for recycling. Residues of the material shall be collected and disposed of by a specialised company with relevant certificates.

## PACKAGING

Plastic containers of 25 kg and 15 kg and 3 kg.

## TECHNICAL DATA

Base:	a mixture of polymer binders with mineral fillers and modifiers
Density by volume:	about 1.6 kg/dm <sup>3</sup>
Application temperature:	from +10 °C to +25 °C
Drying time:	it depends on the thickness of the applied layer and on the conditions of application – for example, the drying time is approximately 6 hours for a layer 1–2 mm thick, at temperature of +20 °C and relative air humidity of 50 %
Adhesion:	≥ 0.3 MPa
Approximate consumption:	about 1.6 kg/m <sup>2</sup> per each mm of the layer thickness
Reaction to fire:	Class F

The product is compliant with the PN-EN 15824 standard.



**Henkel AG & Co. KGaA Bautechnik Deutschland**  
 Henkelstraße 67 · 40191 Düsseldorf  
 Phone: +49 211/797-0 · Fax: +49 211/798-1204  
 Internet: www.ceresit-bautechnik.de  
 E-mail: ceresit.bautechnik@henkel.com

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