CR 64

SMOOTHING PLASTER "OFF WHITE"

Finishing layer of the renovation façade system

CHARACTERISTICS

- Hydrophobic and water vapour permeable
- Creates uniform surface on plasters of various textures
- Easily workable and feltable
- Very good adhesion to mineral substrates
- For indoor and outdoor use
- Contains trass

SCOPE OF USE

Ceresit CR 64 Smoothing Plaster is used as a finishing layer of the renovation system inside and outside of the buildings. The properties of CR 64 allows to make skim coats on walls and ceilings, completely covering uneven and rough surfaces of renovation plaster as well as traditional cement and cement-lime plasters. The addition of trass powder ensures good working properties and reduces the possibility of salt efflorescence. Ceresit CR 64 can be used to fill cornices, drawn profiles, stucco profiles and decorative elements. The maximum layer thickness is 5 mm and in that case it must be applied in two layer steps.
Product is a part of Ceresit Restore restoration render system.

SUBSTRATE PREPARATION

Ceresit CR 64 adheres to all solid, load-bearing, clean, dry and damp substrates, free of substances that may impair adhesion. The surface must be rough and porous to ensure good adhesion. Any dirt and layers of weak strength must be completely removed. This also applies to all anti-adhesive substances and paint coatings. Pre-wet brickwork until the surface is no longer absorbent and appears to be slightly dump. Very dry and highly absorbent substrates prime with Ceresit CT17 deeply penetrating primer and wait for drying minimum 2 hours. Non-absorbent, very smooth surfaces should be primed with Ceresit CT 19 contact primer before applying Ceresit CR 64. When used together with Ceresit CR 61 and Cersit CR 62 as a part of the restoration render system, prepare the substrate properly as described in the relevant Technical Data Sheets of the products.

CERESIT C_CR64_TDS_1_0923

APPLICATION

Pour the material into a pot with measured amount of approx. 6,0-6,5 l clean, cool water and mix with a low speed mixer until a homogeneous mass without lumps is obtained. After stirring leave material for 5 minutes maturing time and stir briefly again. The plaster prepared in this way should be used within 2 hours. The addition of water depends on the required consistency.

Application of Ceresit CR 64

Smoothing plaster should be applied to the properly prepared substrate and smoothed with a metal trowel. After initial setting time of the material, it can be felted or rubbed with polystyrene trowel.
After it totally hardens and dries (at least 2-3 weeks), it can be painted with Ceresit CR 50 or Ceresit CR 55 renovation paint. Use Ceresit CR 64 Smoothing Plaster for producing a uniform surface with a decorative finish with a thickness up to 5 mm. Protect freshly applied render from drying out too quickly and from weather conditions like driving rain and frost. In case of external walls exposed to strong sunlight it is recommended to use scaffolding covers.

PLEASE NOTE

Refer in particular to the recommendations of the analysis of old plaster and renovation guidelines.
Fresh residues can be removed with water, hardened material can only be removed mechanically.
Use Ceresit CR 64 only in dry conditions and at temperatures of +5°C to +30°C and below 80% relative humidity. Do not mix with other materials, additives or binders. Do not use on gypsum-based substrates or cover with gypsum-based products. All data given was obtained at an ambient and material temperature of +20°C and 65% relative humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.
Ceresit CR 64 contains cement and shows a strongly alkaline reaction with water. Therefore protect skin and eyes. If contact occurs, rinse thoroughly with plenty of water. In case of contact with eyes, obtain medical advice.
Chromium VI content - below 2 ppm during the shelf life of the product.
Keep out of reach of children. For professional users. Hazard notes/Safety advices/ Dangerous goods classification/waste disposal advices: See Material Safety Data Sheet on mymsds.henkel.com

STORAGE

Up to 12 months since the production date when stored in cool conditions and in original undamaged packages.

PACKAGING

25 kg Paper bag with PE inlay.

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 +20 °C and 65% 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.

TECHNICAL DATA

Material base:	mineral, hydraulic-setting premixed dry mortar with trass
Colour:	off white
Dry bulk density in hardened mortar:	1300 kg/m³ ± 10% acc. PN- EN 998-1:2016
Mixing ratio:	6,0-6,5 l of water per 25 kg
Mixing time:	approx. 2-3 minutes+5 minutes maturing time +1 minute
Application temperature:	from +5°C up to +30°C
Working time:	up to 2 h
Compresive strength (category):	CS III acc. PN-EN 998-1:2016
Adhesion to substrate and with fracture pattern:	≥ 0,3 MPa FP:C acc. PN-EN 998-1:2016
Water absorption:	W_c2 acc. PN-EN 998-1:2016
Water vapour permeability μ:	≤ 14 (saturated solution of KNO_3) ≤ 13 (saturated solution of LiCl) acc. PN-EN 998-1:2016
Thermal conductivity $\lambda_{10,dry}$:	0,28 W/(m·K) acc. PN-EN 998-1:2016
Reaction to fire	Class A1 acc. PN-EN 13501
Durability (freeze-thaw cycle resistance)	
- mass loss:	2%
- flexural strength decrease:	40%
- compressive strength decrease:	30%
acc. PN-EN 998-1:2016	
Consumption:	approx. 1,8 kg/m² per 1 m² at 1 mm thickness

– General purpose rendering / plastering mortar (GP).
Product complies with PN-EN 998-1:2016.
Declaration of Product nr 01790 issued 29.11.2022.

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Ceresit CR 64
01790
EN 998-1:2016
1487
General purpose rendering / plastering mortar

Reaction to fire Water absorption	A1 Class W_c2
Water vapour permability μ	μ (saturated solution of KNO_3) ≤ 14
	μ (saturated solution of LiCL) ≤ 13
Adhesion	≥ 0,3 MPa FP:B
Thermal conductivity λ10,dry:	0,36 W/(m·K)
Durability (resistance to freezing and thawing)	– weight loos: ≤ 2% – change of flexural strength: ≤ 40% – change of compressive strength: ≤ 35%

Documents available on the website; https://www.henkel-dop.com

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