

CT 35

MINERAL DRY

Mineral plaster, woodworm like structure, grain 2.5 mm or 3.5 mm



Decorative thin-layer plaster for indoor and outdoor applications

CHARACTERISTICS

- ▶ highly vapour permeable (breathable)
- ▶ highly non-inflammable
- ▶ durable and resistant to weather conditions
- ▶ naturally resistant to the development of fungi, algae and mould
- ▶ hydrophobic
- ▶ manufactured in white colour

SCOPE OF USE

Ceresit CT 35 is used for making thin layer plasters on concrete substrates, traditional plasters, gypsum substrates and gypsum cardboards, gypsum-fibre boards, etc.

We recommend the application of the plaster CT 35 as a facade plaster within Ceresit Ceretherm ETICS (External Thermal Insulation Composite Systems) with the application of EPS-boards (Expanded Polystyrene boards) or facade mineral wool boards.

SUBSTRATE PREPARATION

CT 35 can be applied on carrying substrates that are smooth, dry and clean (free from any substances decreasing adhesion such as grease, bitumen, dust):

- concrete, cement plasters and lime-cement plasters (age above 28 days, moisture $\leq 4\%$), primed with the paint Ceresit CT 16,
- armoured layers made of the Ceresit ZU, CT 80, CT 85 or CT 190 mortar (age above 3 days), primed with the paint CT 16,
- gypsum substrates (only inside the buildings) with moisture below 1%, firstly primed with Ceresit CT 17, and then with the paint CT 16,
- gypsum cardboards, gypsum-fibre boards (only inside the buildings), fixed according to the recommendations of the board manufacturers, firstly primed with CT 17, and then with the paint CT 16,
- strong paint coats with good adhesion to the substrate (only inside the buildings), primed with the paint CT 16.

Absorbent substrates should be primed with the agent CT 17, and then painted with CT 16 after minimum 2 hours. The layer of the plaster CT 35 is recommended to be applied the next day after the substrate is primed.



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APPLICATION

The whole content of the packaging should be poured into the measured amount of clean, cool water and mixed by means of the drill with a mixer until the homogenous mass without lumps is obtained. Plaster should be evenly applied on the substrate at the thickness of the grain by means of a steel long float held at the angle. Then, it should be given homogenous structure with a plastic long float flatly held. Depending on the type of the float movement: circular, horizontal or vertical it is possible to obtain the structure features resulting from the grain in plaster.

Do not sprinkle plaster with water!

Work should be done on one surface without breaks, maintaining a uniform consistency (the same amount of water during mixing next packaging of the product).

PLEASE NOTE

CT 35 includes cement and while mixed with water it shows alkaline reaction. Therefore, skin and eyes should be protected. In case of contact with eyes, they should be rinsed with water and the general practitioner should be consulted.

The chromium VI content – below 2 ppm before the expiry date (see the Declaration of Performance).

OTHER INFORMATION

The plaster should not be applied on walls exposed on solar radiation to avoid fast drying, and raining for minimum 24 hours. It is recommended to use scaffolding protection. In order to ensure a uniform structure of plaster there should be provided adequate number of employees at various levels of scaffolding and work surfaces combined „wet on wet“.

Due to the plaster mineral fillers that can cause differences in the colour of plaster and shades in white version, one surface should be plastered with the material of the same production batch.

After three days, the plaster CT 35 can be painted with Ceresit CT 54 silicate paint or after 5 days with Ceresit CT 48 or CT 49 silicone paints or after 7 days with

Ceresit CT 42 and Ceresit CT 44 acrylic paints, according to their technical data sheets. Plaster in white version can stay unpainted.

PACKAGING

Bags 25 kg.

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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TECHNICAL DATA

Base: mixture of cements with mineral fillers and modifiers

Bulk density:

CT 35 grain 2.5 mm approx. 1.4 kg/dm³

CT 35 grain 3.5 mm approx. 1.5 kg/dm³

Mixing ratio: 5.0÷5.6 l of water per 25 kg

Temperature of application: +5 °C to +25 °C

Pot life: up to 60 min.

Compression resistance: CS IV acc. EN 998-1

Adhesion: ≥ 0,25 N/mm² –FP:B acc. EN 998-1

Water absorption: W2 acc. EN 998-1

Water vapour permeability factor: μ : ≤ 29 acc. EN 998-1

Thermal conductivity: λ 10,dry: 0,54 W/mK
acc. EN 998-1

Impact resistance: cat. III acc. ETAG 004

Water absorption after 24 h: < 0,5 kg/m² acc. ETAG 004

Water vapour permeability: S_d ≤ 1,0 m acc. ETAG 004

Adhesion between layers

after ageing: ≥ 0,08 MPa acc. ETAG 004

Fire classification acc. EN 13501-1:

- A1 for plaster CT 35

- A2 – s1, d0 in:

Ceresit Ceretherm Universal MW, Ceresit Ceretherm Wool Classic,

Ceresit Ceretherm Wool Premium

- B – s1, d0 in:

Ceresit Ceretherm Popular, Ceresit Ceretherm Classic

Ceresit Ceretherm Universal EPS, Ceresit Ceretherm Universal XPS

Ceresit Ceretherm Premium

Assessment of natural radiation: meets the requirements of ITB Instruction No. 234/2003, p.6.2.1, according to Regulation of the Council of Ministers on 2 January 2007. & 3, p.1

Resistance to overgrowth by mould: the total resistance

Assumed consumption:

CT 35 grain 2.5 mm from 2.5 to 3.0 kg/m²

CT 35 grain 3.5 mm from 3.5 to 4.0 kg/m²

depending on the smoothness of the substrate

Shelf life/ Storage: Up to 12 months since the production date when stored on pallets in dry cool conditions and in original undamaged packages.

This product possesses documents of reference:

- BBA Certificate No. 14/5142

- Irish Agreement Board Certificate No. 09/0340

- European Technical Assessment (ETA) in systems:

Ceresit Ceretherm System	Popular	Classic	Premium	Wool Classic	Wool Premium	Universal EPS	Universal XPS	Universal MW
ETA	08/0309	09/0014	08/0308	09/0026	09/0037	13/0535	13/0807	14/0127
Certificate	1488-CPR-0382/Z	1488-CPR-0439/Z	1488-CPR-0363/Z	1488-CPR-0440/Z	1488-CPR-0375/Z	1488-CPR-0457/Z	1488-CPR-0456/Z	1488-CPR-0362/Z
DoP	00426	00420	00428	00424	00430	00433	00434	00435

- National Technical Assessment in systems:

Ceresit Ceretherm System	Reno
NTA	ITB-KOT-2018/0472 wydanie 1
Certificate	020-UWB-0895/Z
NDoC	00444

The product in conformity with EN 998-1. Dyed plaster mortar (CR) to be applied inside and outside the buildings. Declaration of Performance No 00249.

Quality for Professionals