



# CT MINERAL DRY

## Smooth plaster for insulation systems

White, mineral smooth plaster for insulation systems and for use as a mineral putty for smooth surfaces and repair of traditional plaster, inside and outside buildings

### CHARACTERISTICS

- ▶ vapour-permeable (breathable)
- ▶ hydrophobic
- ▶ flexible
- ▶ resistant to weather conditions
- ▶ with good adhesion
- ▶ reinforced with microfibres
- ▶ easy to use

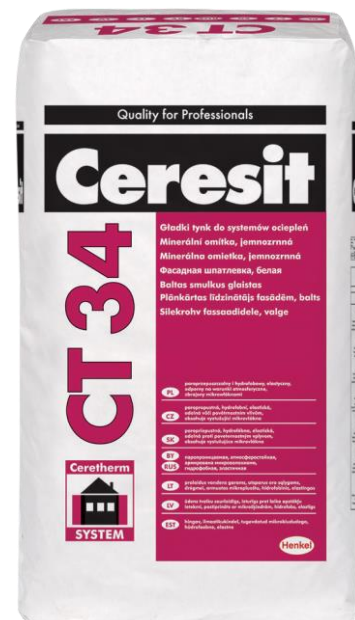
### APPLICATION

The Ceresit CT 34 is used to perform smooth surfaces on reinforced layers in complex systems of Ceresit Ceretherm insulation. The material can also be used to repair traditional cement-lime plasters inside and outside buildings. The characteristics of CT 34 make it possible to make thin-layer smooth surfaces on walls and ceilings, completely covering uneven and rough surfaces of reinforced layers, cement and cement-lime plasters. The thickness of the overall plaster layer should be up to 5 mm. In the case of using CT 34 as a plaster layer in complex systems of Ceresit Ceretherm insulation, its thickness should be above 2 mm.

### SURFACE PREPARATION

The CT 34 can be used for even, load-bearing, dry substrates that are free of grease, bitumen, dust and other substances that reduce adhesion:

- layers reinforced with glass fibre mesh, executed with Ceresit CT 85 mortar, ZU, (over 1 day old) - primed with CT 16 and CT 87 quartz primer (over 1 day old),
- cement and cement-lime plasters (over 28 days old, moisture content  $\leq 4\%$ ), concrete (over 3 months old, moisture content  $\leq 4\%$ ) - primed with Ceresit CT 16 quartz primer,
- gypsum substrates (only inside buildings) with a moisture content of less than 1% - first primed with Ceresit CT 17 and then with Ceresit CT 16 quartz primer,
- chipboards, gypsum fibre boards and plasterboards (only inside buildings, fixed according to the recommendations of board manufacturers - first primed with CT 17 and then with CT 16 quartz primer,
- paint coatings (only inside buildings) - strong, with good adhesion.



Remove contamination and layers of poor strength completely. This also applies to all release agents and paint coatings.

Dry and very absorbing substrates, especially masonry made of aerated concrete blocks and silicate blocks, are recommended to be primed with Ceresit CT 17 and allowed to dry for about 2 hours. Then execute a reinforced layer using Ceresit CT 85, CT 87 or ZU mortar.

The substrates can be additionally painted with Ceresit CT 16 quartz primer. This will result in a white, rough and non-absorbing surface, which will make it easier to perform "rubbings" with CT 34.

### PERFORMANCE

Pour the contents of the package into a measured amount of clean, cool water and mix with a drill mixer until a homogeneous, lump-free mixture is obtained. Leave for 5 minutes then mix again. If necessary, add a small amount of water and mix again.

Apply the plaster onto the pre-treated substrate with a metal trowel. Trowel the material with a sponge trowel after it has set, i.e. after approx. 90 min. Depending on the thickness of the layer and weather conditions, this time may be shortened or

extended. The max. thickness of the plaster layer is 5 mm. After complete drying, i.e. after about 24 hours, the plaster can be painted with CT 42 acrylic paint, CT 54 silicate paint, Ceresit CT 48 silicone paint and Ceresit CT 49 nanosilicone paint according to their technical sheets.

## CAUTION

Perform work in dry conditions, with air and surface temperature between +5 °C and +25 °C. The CT 34 contains cement and when mixed with water has an alkaline reaction. Therefore, you need to protect your skin and eyes. In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice.

Chromium (VI) contents below 2 ppm by the best before date. Product performance is reported in the corresponding Declaration of Performance.

## RECOMMENDATIONS

Do not apply plaster to walls in strong sunlight. Scaffold netting is strongly recommended when performing insulation works. Protect the executed rendering from direct sunlight, rainfall and strong wind until it is completely dried (for a minimum of 24 hours). Provide an appropriate number of workers at each level of the scaffolding and bond subsequent working surfaces using the "wet into wet" method in order to ensure a homogeneous plaster structure.

## STORAGE

Up to 12 months from the date of manufacture, when stored on pallets, in dry conditions and in the original, undamaged packaging.

## PACK SIZE

25 kg bag

## TECHNICAL DATA

Base:	mix of cements with mineral fillers and modifiers
Density:	approx. 1.0 kg/dm <sup>3</sup>
Mixing proportions:	6.75 - 7.25 l water for 25 kg Application temperature: between +5 °C and +25 °C
Working time:	up to 2 h Water
absorption after 24 hours:	< 0.5 kg/m <sup>2</sup> acc. to ETAG 004
Adhesion:	≥ 0.35 N/mm <sup>2</sup> -FP:B acc. to PN-EN 998-1
Interlayer adhesion after ageing:	≥ 0.08 MPa acc. to ETAG 004
Water absorption:	category W0 acc. to EN 998-1
Water vapour permeability:	S <sub>d</sub> ≤ 1.0 m acc. to ETAG 004
Permeability coefficient:	μ: ≤ 37 acc. to PN-EN 998-1
Heat transfer coefficient:	λ <sub>10,dry</sub> : 0.76 W/mK acc. to EN 998-1

Resistance to impact: Category III acc. to ETAG 004

Compressive strength: CS II acc.

to PN-EN 998-1	- class B-s1, d0 in systems: Ceresit Ceretherm Popular Ceresit Ceretherm Classic Ceresit Ceretherm Premium
Reaction to fire:	acc. to PN-EN 13501-1

Approximate yield: approx 1 kg/m<sup>2</sup> for each mm of thickness

The product has:

- European Technical Assessment ETA in system:

System Ceresit Ceretherm	Popular	Classic	Premium
ETA	08/0309	09/0014	08/0308
Certificate	1488-CPR-0382/Z	1488-CPR-0439/Z	1488-CPR-0363/Z
DWU	00426	00420	00428

- National Technical Assessments in systems:

System Ceresit Ceretherm	Reno
KOT	ITB-KOT-2018/0472 1st
Certificate	020-UWB-0895/Z
KDWU	00444

- Product compliant with the PN-EN 998-1. General purpose (GP) plaster mortar for use inside and outside buildings. Declaration of Performance No. 00248

Any technical advice can be obtained from the telephone numbers:

+48 800 120 241

+48 41 3710124.

In addition to the information provided in this data sheet, the rules of the trade, guidelines of institutes and associations, relevant national and European standards, approval documents, health and safety regulations, etc. must be observed. The properties and technical characteristics listed above are based on practical experience and tests. Any properties and applications of materials outside the scope of this data sheet require our written consent. All data refers to a substrate, ambient and material temperature of +23 °C and a relative humidity of 50%, unless otherwise stated. In other climatic conditions, the specified parameters may vary.

The information contained in this data sheet, in particular recommendations concerning the method and conditions of application, as well as the scope of application and use of our products, is based on our professional experience. This technical sheet defines the scope of application of the material and the recommended method of executing the work, but it cannot replace the professional preparation of the contractor. The manufacturer guarantees the quality of the product, but has no control over the conditions and method of its use. Given that the conditions in which the products are used may change, it is recommended to perform your own tests in case of any doubts.

We will not be liable for the above information or any verbal recommendation related thereto, except in cases of gross negligence or wilful misconduct. This technical sheet replaces all previous versions applicable to this product.