

# CT 64



## Acrylic plaster, woodworm like structure, grain 2.0 mm

Decorative thin-layer plaster for indoor and outdoor applications

### CHARACTERISTICS

- ▶ resistant to weather conditions
- ▶ low absorbability and high elasticity
- ▶ resistant to damage
- ▶ vapour permeability
- ▶ BioProtect formula - resistant to fungi, algae and mould
- ▶ stability of colour
- ▶ manufactured in full palette of Ceresit Colours of Nature®

#### Colour System



### SCOPE OF USE

Ceresit CT 64 is used for making thin-layer plasters on concrete substrates, traditional plasters, gypsum substrates and chipboards, gypsum cardboards, etc.

We recommend the application of CT 64 as a facade plaster within Ceresit Ceretherm ETICS (External Thermal Insulation Composite Systems).

In case of intensive dark colours, the material application should be limited to small areas, e.g. architectural details. Plaster CT 64 is protected from biological contamination, e.g. fungi, mould and algae, increasing their resistance to its effects.

### SUBSTRATE PREPARATION

CT 64 can be applied on smooth, carrying, dry and clean substrates free from grease, bitumen, dust and other substances decreasing adhesion:

- cement plasters and lime-cement plasters (age above 28 days, moisture ≤ 4 %), concrete (age above 3 months, moisture ≤ 4 %) - primed with Ceresit CT 16 paint,
- armoured layers made of Ceresit CT 80, CT 85, ZU, CT 190 mortars - primed with the paint CT 16 (age above 3 days) and CT 87 (age above 2 days),
- gypsum substrates (only inside the buildings) with moisture below 1% - firstly primed with the agent Ceresit CT 17 and then with the paint CT 16,
- chipboards, gypsum-fibre boards and gypsum cardboards (only inside the buildings), fixed according to the recom-



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mendations of the board manufacturers - firstly primed with the agent CT 17 and then with the paint CT 16, – strong paint coats (only inside the buildings) – strong, with good adhesion to the substrate, primed with the paint CT 16. Uneven and damaged substrates should be first smoothed and repaired. In case of traditional plasters and concrete substrates, Ceresit CT 29 plaster filler can be used. The existing dirt, layers of low strength, as well as elastic, lime and adhesive paint coatings should be removed. Absorbent substrates should be primed with the agent CT 17 and then painted with CT 16 paint after minimum 2 hours. It is recommended to use the colour of the paint CT 16 similar to the colour of the plaster. CT 64 can be applied when the priming paint CT 16 becomes completely dry. The moisture coming from the substrate can cause the destruction of the plaster, therefore one should be assured that the adequate sealing layers have been made in the rooms (places) endangered with constant moisture.

### APPLICATION

The whole content of the container should be carefully stirred. If the need appears add no more than 1% of clean water and mix again. Neither rusty containers nor tools can be used.

CT 64 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.

#### Do not sprinkle plaster with water!

Work should be done on one surface without breaks, keeping the same product consistency. If there is a need to stop working, the self-adhesive tape should be applied along the previously fixed line. Then plaster should be applied, structure formed, and tape torn off with the plaster remaining on it. After a break, the application should be continued from the fixed place (the edge of the previously applied plaster can be protected with self-adhesive tape). Tools and fresh plaster stains should be washed with water, and the hardened plaster remains can be mechanically removed. Plaster renovation should be done by painting with Ceresit CT 42, CT 44 acrylic paints as well as Ceresit CT 48, CT 49 silicone paints, CT 55 elastomeric paint.

### PLEASE NOTE

Application should be performed in the ambient and substrate temperature ranging from +5 °C to +25 °C and the humidity below 80 %. This product should not be mixed with other plasters, pigments, resins and binders. The rooms where the material has been applied should be aired until the odour disappears and before they are used. In case of contact with eyes, they should be rinsed with water and the general practitioner should be consulted. This product should be stored out of reach of children. The performance characteristics are given in the text of corresponding to the product Declaration of Performance.

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.



**Henkel CEE**  
Erdbergstrasse 29  
1030 Vienna  
www.ceresit.com

### OTHER INFORMATION

The plaster should not be applied on walls exposed to solar radiation to avoid fast drying. Until it dries completely, it should be protected against rain. It is recommended to use scaffolding protection. Due to the plaster mineral fillers that can cause differences in the colour of plaster and the shadows of plaster, one surface should be plastered with the material of the same production badge number printed on each container. 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“. The opened container should be carefully closed and its content used as soon as possible.

### PACKAGING

Plastic containers of 25 kg.

### TECHNICAL DATA

Base:	water dispersion of synthetic resins with mineral and pigment fillers
Density:	1.6 kg/dm <sup>3</sup>
Temperature of application:	from +5 °C to +25 °C
Open time:	approx. 15 min
Resistance to rain:	after approx. 24 hours
Adhesion:	0.6 MPa acc. EN 15824:2010
Water vapour permeability:	V 1 acc. EN 15824:2010
Water absorption:	W 3 acc. EN 15824:2010
Thermal conductivity:	$\lambda=0.61$ W/(m*K) acc. EN 15824:2010
Impact resistance:	cat. II acc. ETAG 004
Water absorption after 24 h:	< 0.5 kg/m <sup>2</sup> acc. ETAG 004
Water vapour permeability:	$S_d \leq 1.0$ m acc. ETAG 004
Adhesion between layers after ageing:	$\geq 0.08$ MPa acc. ETAG 004
Fire classification acc. EN 13501-1:	A2-s1, d0 in:
	Ceresit Ceretherm Universal MW
	B-s1, d0 in:
	Ceresit Ceretherm Popular, Ceresit Ceretherm Classic
	Ceresit Ceretherm Premium, Ceresit Ceretherm Wool Classic
	Ceresit Ceretherm Universal EPS

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:	approx. 2.7 kg/m <sup>2</sup>
Shelf life/ Storage:	Up to 18 months since the production date when stored on pallets in dry cool conditions and in original, undamaged packages. <b>Protect against frost and direct sunlight!</b>

This product possesses documents of reference:

- Permission of the Minister of Health for the trading in the biocide product NO. 3313/07;
- BBA Certificate No. 14/5142
- Irish Agreement Board Certificate No. 09/0340
- European Technical Approval (ETA) in systems:

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

- Technical Approvals in Systems:

Ceresit Ceretherm System	Popular	Classic	Reno
TA	15-6894 /2013 + Annexes	15-4397 /2013 + Annexes	15-8077 /2009 + Annexes
Certificate	ITB-0068/Z	ITB-0109/Z	ITB-0701/Z
DoC	00442	00440	00444

Product complies with EN 15824:2010. External plasters on organic binders. Declaration of Performance No 00258/01-07-2016.

**Quality for Professionals**