

# CT 710



## VISAGE Decorative 'Natural Stone' Plaster

**Stylized plaster with sandstone or granite structure for indoor and outdoor use**

### CHARACTERISTICS

- ▶ granite effect in several colours
- ▶ plaster including mix of natural and modified aggregates for natural stone effect
- ▶ resistant to weather conditions
- ▶ resistant to scrubbing
- ▶ easy to maintain clean
- ▶ may be applied with stencils
- ▶ ready for use



### SCOPE OF USE

Ceresit CT 710 plaster is used for execution of decorative plasters on traditional plasters, concrete and gypsum surfaces, chipboards, drywall boards, etc. CT 710 as facade plaster is one of the components within ETICS (External Thermal Insulation Composite System), Ceresit Ceretherm with application of expanded polystyrene boards and mineral wool. Transparent resins are used as binding material, with fillers in the form of specially selected combinations of natural or modified granite or quartz aggregate. After setting, natural stone pattern is obtained. Characteristics of the material allow for bridging capillary scratches in the surface. The plaster features exceptional durability and resistance to dirt.

CT 710 is specifically recommended for places exposed to intense wearing and subject to rapid soiling, e.g. building plinths, entrances to buildings, corridors, staircases.

In case of strong, dark colours, using CT 710 as a finishing layer in the Ceresit Ceretherm systems should be limited e.g. for execution of plinths or architectural details.

### SUBSTRATE PREPARATION

CT 710 may be used on smooth, carrying, dry surfaces, free of substances which decrease adhesion, such as grease, bitumens, dust:

- cement and cement-lime plasters (age above 28 days), concrete (age above 3 months, moisture  $\leq 4\%$ ) – primed with Ceresit CT 16 priming paint,



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- layers reinforced with glass fibre mesh, made of Ceresit CT 85, CT 190 mortar (age above 3 days) – primed with CT 16,
- gypsum surface (only inside buildings) with moisture below 1% – primed first with Ceresit CT 17 agent and then with CT 16,
- chipboards ( $\geq 19$  mm thick), drywall and gypsum-fibre boards: only inside buildings, fixed in accordance with recommendations of board manufacturers – first primed with CT 17 agent and then with CT 16,
- paint coats (only inside buildings) – strong, with good adhesion, primed with CT 16,

Uneven and damaged surfaces should be first smoothed and repaired. In case of traditional plasters and concrete surfaces, the Ceresit CT 29 plaster filler may be used for this purpose. Strength of the surface should be checked. The existing soiling, low-strength layers, paint coats of elastic, lime and adhesive paints, as well as wallpaper and remains of adhesives need to be completely removed.

Absorbent surfaces should be first primed with CT 17 agent, and, after at least 2 hours, with CT 16. Using CT 16 in the colour close to that of plaster is recommended.

CT 710 may be applied after complete drying of CT 16.

Moisture pressure from the surface may result in plaster damage, therefore the places exposed to permanent moistness should be provided with appropriate sealing layers.

## APPLICATION

Mix the contents of the container with a slow-speed driller fitted with a basket stirrer to obtain uniform consistence. Consistence of the mass should be adjusted to the method of application and application conditions through addition 1% of clean water and stirring again. Too much water added will exclude the possibility of using the material. Do not use rusty containers or tools. CT 710 Granite should be applied manually, apply plaster mass uniformly on the surface with a steel long float held at angle, until thickness is achieved which ensures complete coverage of the surface. Use a plastic float to smooth plaster and getting visible mica before its surface starts to dry out. The float should not be pressed too strongly to the surface.

**Do not sprinkle plaster with water! Do not make structuring!**

When set, CT 710 creates non-uniform natural stone structure.

**For granite CT 710 in Mozambique Graphite colours, only manual application with a steel long float is recommended, without plastic float smoothing.**

Work on one surface should continue uninterrupted, with identical consistence of material maintained. When work has to be stopped for a time, adhesive tape should be placed along the marked line, mass applied and smoothed, and then the tape with remains of fresh material should be removed. After the break, continue work from the marked place. The edge of the plaster applied earlier may be protected with adhesive tape.

Wash tools and fresh stains with water, hard plaster remains remove mechanically.

## PLEASE NOTE

Application should be performed in dry conditions, at air and surface temperature from +10 °C to +25 °C and with relative air humidity below 80 %.

Do not apply plaster on highly insulated walls, and protect against too fast drying. During the works it is strictly recommended to use scaffolding protection. The plaster should be protected against rainfall, direct sunlight and strong wind until it is completely hard. Do not mix the product with other resins, plasters, dyes and binding materials. Ventilate the rooms after application of mass until odour is no longer perceived, only then can the rooms be released for use. When material comes into contact with the eyes, rinse the eyes with plenty of water and seek medical advice. The product shall be stored in a place inaccessible for children. The performance characteristics are given in the text corresponding to the product Declaration of Performance

## RECOMMENDATIONS

Do not apply mass on walls with high insolation, protect the completed plaster against too fast drying. The minimum inclination of plastered surfaces should be 30°. Due to presence of natural fillers which can cause varied appearance of plaster, one surface should be plastered with the material of the same number of the manufactured unit 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". Opened packages shall be thoroughly closed, and their contents should be used as soon as possible.

## STORAGE

Up to 12 months of the production date when stored in cool conditions and in the original, intact packages.

**Protect against freezing!**

**Protect against direct sunlight.**

## PACKAGING

CT 710 Granite - Plastic container 20 kg

## TECHNICAL DATA

Base:	water dispersion of synthetic resins with mineral fillers
Density:	ca. 1.7 kg/cm <sup>3</sup>
Temperature of application:	from +10 °C to +25 °C
Open time:	ca. 30 min.
Resistance to rain:	after ca. 3 days
Water vapour permeability:	cat. V2, 0,14 ≤ S <sub>d</sub> < 1,4 m - acc. EN 15824
Water absorption:	cat. W2, 0,5 > w > 0,1 [kg/m <sup>2</sup> h <sup>0,5</sup> ] - acc. EN 15824
Adhesion:	0.6 MPa acc. EN 15824
Thermal conductivity:	λ=0.61W/(m*K) acc EN 15824
Impact resistance:	cat II acc. ETAG 004
Water vapour permeability:	S <sub>d</sub> ≤ 1.0 m acc. ETAG 004
Water absorption after 24 h:	< 0.5 kg/m <sup>2</sup> acc ETAG 004
Adhesion between layers	
after ageing:	≥ 0.08 MPa acc. ETAG 004
Fire classification acc. EN 13501-1:	
B – s1, d0 in:	Ceresit Ceretherm Visage
B – s2; d0 in:	Ceresit Ceretherm Wool Classic

Shelf life/ Storage: Up to 12 months of the production date when stored in cool conditions and in the original, intact packages.

**Protect against freezing! Protect against direct insolation**

Assumed consumption:

- granite structure:

Name	Consumption
Malaga Cream	ca. 3,0 kg/m <sup>2</sup>
Bolivia Red	ca. 3,0 kg/m <sup>2</sup>
Africa Red	ca. 3,0 kg/m <sup>2</sup>
Madeira Green	ca. 3,0 kg/m <sup>2</sup>
Norway Grey	ca. 3,0 kg/m <sup>2</sup>
Etna Grey	ca. 3,0 kg/m <sup>2</sup>
Calcutta Anthracite	ca. 3,0 kg/m <sup>2</sup>
California Sand	ca. 3,0 kg/m <sup>2</sup>
Jamaica Brown	ca. 3,0 kg/m <sup>2</sup>
Mozambic Graphite	from 4,5 to 5,0 kg/m <sup>2</sup>

Available colours:  
- for CT 710 Granite

Name	Recommended colour of priming paint
Malaga Cream	bialy
Bolivia Red	AF3
Africa Red	CL3
Madeira Green	TD3
Norway Grey	NB3
Etna Grey	NB3
Calcutta Anthracite	NB3
California Sand	TX1
Jamaica Brown	TX1
Mozambic Graphite	NB3

This product possesses documents of reference:

- European Technical Assessment (ETA) in systems:

Ceresit Ceretherm System	Visage	Wool Classic
ETA	11/0395	09/0026
Certificate	1488-CPR-0370/Z	1488-CPR-0440/Z
DoP	00431	00424

Product compatible with EN 15824 External render based on organic binder.  
Declaration of Performance No 00289.

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](http://www.ceresit.com)

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