

CT 710



VISAGE

VISAGE

Decorative 'Natural Stone' Plaster

Design plaster with sandstone or granite structure for indoor and outdoor use

CHARACTERISTICS

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

SCOPE OF USE

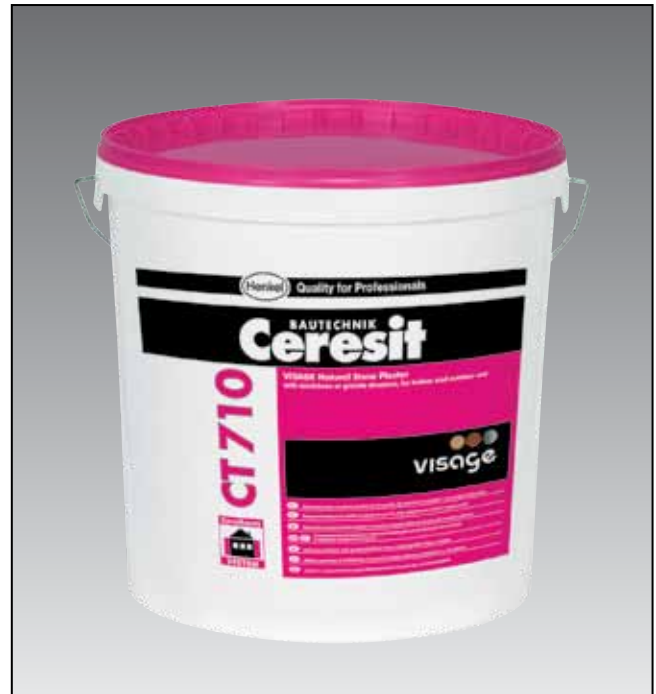
The Ceresit CT 710 plaster is used for execution of decorative plasters on traditional plasters, concrete and gypsum surfaces and chipboards, drywall boards, etc. CT 710 as facade plaster is one of the components used in the external thermal composite insulation Ceresit Ceretherm Visage system for building walls (ETICS) with application of expanded polystyrene boards. Transparent resins are used as binding material, with fillers in the form of specially selected combinations of natural or modified granite or quartz aggregate. CT 710 is dedicated for spray application. Application on small areas is possible with a metal long float. After setting, natural stone pattern is obtained. Characteristics of the material allow for bridging capillary scratches in the surface. The resulting plaster features exceptional durability and resistance to soiling.

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 facade layer in the Ceresit Ceretherm systems for buildings (with expanded polystyrene boards) should be limited e.g. for execution of plinths or architectural details.

SURFACE 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 ≤ 4%) – primed with the Ceresit CT 16 priming agent,
 - layers reinforced with glass fibre mesh, made of the Ceresit ZU mortar, CT 85 (age above 3 days) or the CT 87 mortar (age above 2 days) – primed with the CT 16 priming agent,
 - gypsum surface (only inside buildings) with moisture below 1% – primed first with the Ceresit CT 17 agent and then with the CT 16 priming agent,
 - chipboards (≥ 19 mm thick), drywall and gypsum-fibre boards: only inside buildings, fixed in accordance with recommendations of board manufacturers – first primed with the CT 17 agent and then with the CT 16 priming agent,
 - paint coats (only inside buildings) – strong, with good adhesion, primed with the CT 16 priming agent,
- 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 the CT 17 agent, and, after at least 2 hours, with the CT 16 priming agent. Using CT 16 in the colour close to that of plaster is recommended. CT 710 may be applied after complete drying of the CT 16 priming agent.

Moisture pressure from the surface may result in plaster damage, therefore the rooms (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. If needed, consistence of the mass may be adjusted to the conditions of application with addition of small volume 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.

When sprayed, apply plaster in two layers. Apply the first layer in horizontal passages. Apply the second layer in vertical passages, when the first layer is roughly set. The thickness of these two layers should ensure full coverage of the surface and obtaining the required structure.

When 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 the same tool to smooth plaster before its surface starts to dry out. The long 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 and Zambia Green colours, only manual application with a metal long float is recommended, with machine application being highly recommended for the other granite colours and all the sandstone colours to obtain natural appearance.

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%. All data refer to temperature +20°C and relative air humidity 60%. Under other conditions, faster or slower hardening of material shall be taken into consideration. The plaster should be protected against rainfall until it is thoroughly hard. Use covers on scaffolding and building plinths. 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.

RECOMMENDATIONS

In case of manual application of sandstone CT 710 with a metal long float, using stencils which imitate natural stone is recommended. The minimum thickness of the applied material should be 2 mm in this case.

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. Opened packages shall be thoroughly closed, and their contents should be used as soon as possible.

This technical specification defines the scope of application of the material and recommended work procedures but it cannot replace professional experience of the contractor. Apart from the recommendations stated, work should be performed in accordance with building art and HS&E rules.

The manufacturer guarantees quality of the product, but cannot be held responsible for the conditions and method of its use. In case of doubts, run your own tests. This technical specification supersedes all earlier specifications.

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.

PACKAGING

Plastic containers, 20 kg.

TECHNICAL DATA

Base:	water dispersion of synthetic resins with mineral fillers
Density:	ca. 1,7 kg/dm ³
Temperature of application:	from +10°C to +25°C
Open time:	ca. 30 min.
Resistance to rain:	after ca. 3 days

Assumed consumption:

- sandstone structure ca. 2 kg/m² per 1 mm of thickness
- granite structure:

Name	Consumption
- India Black	about 5,0 kg/m ²
- Brasilia Rose	about 5,0 kg/m ²
- Dolomite Grey	about 5,0 kg/m ²
- Sardinia Grey	about 5,0 kg/m ²
- Nordic White	from 4,0 to 4,5 kg/m ²
- Finland Silver	from 4,0 to 4,5 kg/m ²
- Panama Cream	from 4,0 to 4,5 kg/m ²
- Mozambic Graphite	from 5,0 to 5,5 kg/m ²
- Argentina Brown	about 5,0 kg/m ²
- Mexico Gold	from 4,0 to 4,5 kg/m ²
- Nepal Red	about 5,0 kg/m ²
- Patagonia Beige	from 4,0 to 4,5 kg/m ²
- Tanzania Grey	about 5,0 kg/m ²
- Zambia Green	about 5,0 kg/m ²
- Jamaica Brown	from 4,0 to 4,5 kg/m ²
- Himalaya Grey	about 5,0 kg/m ²

Recommendations for machine application:

- For sandstone CT 710, ø 4 mm nozzle is recommended at working pressure from 2 to 6 bar
- For granite CT 710, ø4 mm to ø8 mm nozzle is recommended for plaster with consumption from 4 to 4.5 kg/m² and from ø 8 mm nozzle for plaster with consumption of about 5.0 kg/m² at working pressure from 2 to 6 bar

Before each application is recommended to make a sample trial to adjust plaster consistency, size of nozzle and pressure.

Available colours:

for CT 710 Granite	for CT 710 Sandstone
Name	Name
- India Black	- Scandinavia White
- Brasilia Rose	- Kenya Cream
- Dolomite Grey	- Cairo Beige
- Sardinia Grey	- Porto Beige
- Nordic White	- Manhattan Grey
- Finland Silver	- Venetto Rosa
- Panama Cream	- Toledo Red
- Mozambic Graphite	- Alabama Gold
- Argentina Brown	- Arabia Sand
- Mexico Gold	- Montenegro Green
- Nepal Red	- Cordoba Gold
- Patagonia Beige	- Palermo Grey
- Tanzania Grey	
- Zambia Green	
- Jamaica Brown	
- Himalaya Grey	

The product has the following reference documents:

- ETA in the system

Ceresit Ceretherm System	Visage
ETA	11/0395
Certificate	1488-CPD-0237/W
DoC.: Ceresit Ceretherm	WE-CC Visage 1/PL 15.02.2012

- The Technical Approval in the system

Ceresit Ceretherm System	Visage
TA	15-8399 /2011
Certificate	ITB-0416/Z
DoC.: Ceresit Ceretherm	Visage /1/11 01.07.2011

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the respective standards. 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 60 % 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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