CT 29

Plaster filler

Grey, mineral filler to repair traditional plasters and thin-layer “putties” inside and outside the buildings

CHARACTERISTICS

- vapour permeable
- resistant to weather conditions
- with good adhesion
- reinforced with micro-fibres
- easy to apply

SCOPE OF USE

Plaster filler Ceresit CT 29 is mainly used for repairing cement-lime plasters inside and outside the buildings.
It may be applied both to fill deep losses (e. g. chases after installation work) and to smooth the plaster sur- face as well.
The properties of CT 29 make it possible to apply thin “putties” on the walls and ceilings, to cover rough and uneven cement and cement-lime plaster surfaces.
Due to its good adhesion property this material may be used for applying single layer plasters on the concrete substrates (monolithic and prefabricated ones) as well as on the even walls. CT 29 is also designed to smooth mineral substrates before the application of ceramic tiles and thermal insulation boards, for traditional plasters and small masonry work.

SUBSTRATE PREPARATION

CT 29 can be applied on rough and load carrying substrates e. g. concrete, traditional plasters, walls free from grease, bitumen, dust and other substances decreasing adhesion. Dirt and layers of low strength should be completely removed. It refers to all anti- adhesion substances and paint layers. The substrates of low absorption and non-homogenous ones should be properly moistened with water. Before the filler is applied the substrate should be moist but not wet.
Dry and highly absorbent substrates, especially aerated concrete and silicate walls, are recommended to be primed with the agent Ceresit CT 17, and then approximately four hours are needed to dry. Substrates may be additionally painted with Ceresit CT 16. Then it is possible to obtain white, rough and non-absorbent surfaces, which facilitates the application of ‘‘putties’’ with CT 29.

CERESIT C_CT29_TDS_1_0120

APPLICATION

The whole content of the packaging should be poured to the previously measured amount of clean, cold water and mixed by means of the drill with the mixer until the homogenous mass without lumps is obtained.
The larger amounts of CT 29 are easy to mix with the drill with the mixer. The filler should be applied and smoothed with the metal long float. When the material becomes thicker it may be structured with the felt or Styrofoam long float.
CT 29 should be mixed with a smaller amount of water to fill deep losses. One should apply the filler with the normal consistency to smooth the surface when the previously filled losses have drie

PLEASE NOTE

Application should be performed in dry conditions with the substrate and ambient temperature from +5 °C to +25 °C. All the data refer to the temperature of +20 °C and relative air humidity of 65 %. Faster or slower material hardening can occur in different conditions.

CT 29 contains cement and while mixed with water it shows alkaline reaction. Protect skin and eyes. Immediately wash skin with plenty of water after contact with the product. In case of eye contact, do the same and seek medical advice. The content of chromium VI – below 2 ppm till the sell-by-date.

OTHER INFORMATION

The applied "puttties" and plasters should be protected against too fast drying with slight water spray as well as draughts and low temperatures in the rooms should be avoided. Outside the buildings CT 29 should not be applied on highly insolated walls, and the applied layer should be protected against rain and too fast drying for minimum 24 hours. It is recommended to use scaffolding protection.

STORAGE

Up to 12 months from the production date if stored in cool conditions and in original and undamaged packages.
Protect from freezing weather!

PACKAGING

Bags of 5 kg and 25 kg.

TECHNICAL DATA

Base:	Mixture of cements with mineral fillers and modifiers
Bulk density:	approximately 1.2 kg/dm^3
Density of fresh mortar:	approximately 1.89 kg/dm^3
Mixing ratio:	1.1÷1.3 l water per 5 kg 5.7÷6.2 l water per 25 kg
Temperature of application:	from +5 to +25 °C
Pot life:	up to 2 hours
Compressive strength (according to PN-EN 998-1:2010):	≥ 6 MPa, type CS IV
Water absorption caused by capillary uptake (according to PN-EN 998-1:2010):	W1
Adhesion (according to PN-EN 998-1:2010):	≥ 0,3 MPa–FP: A
Coefficient of vapour permeability μ (according to PN-EN 998-1:2010):	≤ 15
Heat transfer coefficient λ10,dry (according to PN-EN 998-1:2010):	0,67 W/mK (value stated in the table)
Fire resistance (according to PN-EN 998-1:2010):	class A1
Durability (frost -defrost resistance)	Mass loss ≤ 9% Compressive strength loss ≤ 6%
VOC	Meets requirements
Assumed consumption:	
application of plaster	approximately 1.8 kg/m^2 per each mm of thickness
filling the losses	approximately 1.8 kg/dm^3

Plaster mortar according to the project of general purpose (GP) to be applied inside and outside the buildings. Product in conformity with PN-EN 998-1:2010. To be used in Etics system Ceresit Ceretherm Ceramic.

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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