



CR 42

PROFILE MORTAR

Drawn profile mortar designed for renovation of historic buildings

CHARACTERISTICS

- ▶ very smooth
- ▶ easy to profile
- ▶ crack-free
- ▶ good adhesion to substrate
- ▶ fast setting

SCOPE OF USE

Ceresit CR 42 is used to make drawn profiles, stucco profiles, cornices, decorative elements and their renovation in construction, including historic buildings, with a thickness of 10 to 100 mm. It is designed especially for historic buildings, for renovation of damp and salty elements. CR 42 can be used on large surfaces as well as for local repairs. Suitable for low-strength substrates with low, medium or high salinity. Do not use on gypsum substrates or to protect walls against ground moisture uptake, subcutaneous water etc.

SUBSTRATE PREPARATION

CR 42 adheres to strong, long bearing, clean, dry or damp substrates, free from substances that reduce adhesion. The substrate surface must be rough and porous to ensure good adhesion. Existing coatings, damaged render as well as rotten fragments of walls should be hammered off, exposing the load bearing substrate. Traces of salt efflorescence should be removed with steel brushes. Pre-wet the surface of the masonry or concrete prior application. On a matt-damp surface, make wart like scratch coat of CR 60 up to 5 mm thick, covering 50 % of surface of the substrate. CR 42 mortar should be applied approx. 24 hours after the rough cast was applied.

APPLICATION

Pour the content of the package into the measured amount of 7,0 l of clean, cool water and mix manually using a low- speed drill until a homogenous mass without lumps is obtained. If necessary, add a small amount of water to get the right consistency. Mix no more than 5 minutes. The ready mortar should be used within 20 minutes. After this time, the material may have a higher density and be less aerated. Deep cavities, e.g. empty joints, must be filled first. After the mortar has set, the main renovation layer of the profile must



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be done. Apply layers in maximum 20 mm thickness for each. The mortar should be applied manually and rework with a properly profiled template corresponding to the shape of the repaired/ created element. After initial setting, it should be lightly rubbed, but not felted. Don't do it for too long or too intensely. At the same time, care must be taken that water doesn't appear on the surface of the render, as it may cause surface cracks. A layer of Ceresit CR 64 smoothing mortar up to 5 mm thick can be applied on top. Then however, a fresh layer of CR 42 should be dragged with a sharp broom and left to harden in order to obtain good adhesion of the render.

PLEASE NOTE

Refer in particular to the recommendations of the analysis of old render and renovation guidelines. Work should be carried out in dry conditions, at the air and substrate temperature from +5°C up to +25°C. All data refer to temperature +20°C and 65% relative air moisture content. In other conditions, faster or slower hardening of the material must be taken into consideration. Use correct amount of water to ensure best product performance.

Do not mix with other materials. Do not cover with materials containing gypsum. The maximum thickness of a single element cannot exceed 100 mm. CR 42 contains cement and reduced chromium and is alkaline when mixed with water. Therefore, skin and eyes should be protected. Wash dirt thoroughly with water. In case of contact with eyes, rinse with plenty of water and seek medical advice. Chromium VI content – below 2 ppm during the shelf life of the product. Detailed information about product can be found in its technical data sheet www.ceresit.com and safety info on www.mysds.henkel.com.

DISPOSAL

Recycle only empty packaging. Disposal of cured product residues possible with other industrial waste. Dispose of uncured product as hazardous waste. Waste code 170101

STORAGE

up to 12 months since the production date when stored in cool conditions and in original undamaged packages.

PACKAGING

25 kg paper bag with PE inlay.

TECHNICAL DATA

Base:	Mineral, hydraulic-setting premixed dry mortar
Mixing ratio:	7,0 l of water per 25 kg dry powder
Working time:	approx. 20 minutes
Density of dry mortar acc. EN 998-1:	< 1,30 kg/dm ³
Temperature of application:	from +5 °C to +25 °C
Compressive strength after 28 days acc. EN 998-1:	CS IV
Consumption:	approx. 8,0 kg/ m ² /1 cm thickness (from 1 kg is obtained 1,25 dm ³ of fresh mortar)
VOC content:	N/A

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 +20 °C and 65% 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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