

MC-Plaster TC 1020 (Previously known as MasterPlas TC 1020)

Polymer Modified Thick Render

Uses

MC-Plaster TC 1020 is a cementitious premixed render specially designed for direct spray application onto concrete and brick or cement block wall surfaces. It can also be used for application onto aerated lightweight concrete block or panel surfaces.

MC-Plaster TC 1020 can be sprayed to build up to a thickness of 15mm in one single application as a textured finishing render coat or as a base coat for subsequent built up to achieve the required thickness and surface alignment.

It is suitable for both internal and external applications.

Benefits

- Easy to use by adding only water
- Good workability
- Consistent bond strength
- Reduced cracking
- Cost effective

Application

Surface Preparation

Substrate surface shall be cleaned and free of dust, dirt and unsound material.

Plumb and level pegged all surfaces to be spray rendered and external corners shall be pre-formed with PVC corner beads. For concrete surfaces, it is recommended that Bondcoat be applied as a bond coat prior to the application of MC-Plaster TC 1020. Primed surfaces shall be rendered while the primer is still tacky.

Mixing

MC-Plaster TC 1020 shall be mixed by high speed mechanical mixer with 6.8 to 8.0 litres of water to achieve a good trowellable consistency. Mechanical mixer shall be type equipped with automatic water and powder delivery and mixing and pneumatically controlled from the spray nozzle end.

Application

Spray the first coat to a thickness of not more than 15 mm and immediately check and trim off excess material to allow a second coat thickness of at least 5mm from finished alignment, the other area may be left untrimmed in textured finish.

After the first coat has attained initial set, spray the second coat to the required thickness. Allow this final coat to achieve initial set, then scratch trim the surface with wooden float or special metal scratching tool in circular motion to achieve exact surface alignment and flatness.

Skim coat surface with MC-Plaster SC 130 or MC-Plaster SC 120 if a smooth surface finishing is required.



BE SURE. BUILD SURE.

Technical Data for MC-Plaster TC 1020

Characteristics	Unit	Value	Comments
Adhesion to Concrete	N/mm ²	0.4	28 days
Compressive Strength	N/mm ²	10.0	28 days
Pot Life	hour	1	
Coverage	kg/m ² /mm	1.67	
Coat Thickness	mm	10 - 20	per coat
Water Dosage	litre	6.8 - 8.0	

Product Characteristics of MC-Plaster TC 1020

Packaging	40 kg bag
Storage	Can be stored in shaded, cool and dry conditions for 6 months in original unopened packs.
Disposal	In the interest of the environment, please empty all packs completely & in accordance with local regulations.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 06/20. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.