



Zentrival® FM

Polymer modified waterproof joint mortar and tile grout

Product Properties

- Polymer modified hydraulically setting joint mortar
- Non-shrink, dimensionally stable
- Excellent adhesion to tile joints
- Fungus resistance
- Colour fast
- Water resistant

Areas of Application

- Suitable as water-proofing mortar
- Suitable for tile grouting
- Interior or Exterior applications

Application Notes

General

Zentrival® FM is polymer modified, hydraulically setting tile grout for filling the joints between the tiles. The grout is waterproof and is ready to use. Only water is to be added and mixed at the site. By virtue of its formulation the grout is non-shrink and adhesion to the tile joints is excellent. The grout conforms to DIN 4117 as waterproofing mortar.

It is suitable as joint grout for all types of tiles and is suitable for internal as well as exterior applications. The grout is colorfast. **Zentrival® FM** ensures permanent, fungus resistant, waterproof jointing in case of tiling works. The grout does not crack and debond from tile sides.

Advantages

Zentrival® FM is non-shrink in nature and has excellent adhesion to the tile joints. **Zentrival® FM** is also resistant to fungal attacks and therefore can be used for interior or exterior Applications.

Instructions for use

The joints must be clean, free from oil and grease or other contaminations. The joints should be slightly wetted prior to filling. Add **Zentrival® FM** to water while continuously stirring the same. Always mix in small quantities, mix until a paste like consistency is obtained. Allow the mix to stand for five minutes before filling the joints. The working time is about 30 minutes.

Do not use the material once it has set and hardened. The application should be preferably done one day after fixing of tiles.

Zentrival® FM paste can be filled in the joints by spatulas, putty knives, squeegees or sponges. The paste should be well pressed inside the joint to remove air gaps. The top profile of the joint should be concave. Surplus material should be wiped off from the tiles with wet cloth or sponge.

Exposed surfaces require proper curing.



Further Instructions / Precautions



Technical Data For Zentrival® FM

Characteristic	Unit	Value	Comments
Density	g / cm ³	1.60	
Minimum application temperature	°C	+ 20°C	
Pot life	Minutes	25	Approximate Value (Depends on Temperature)
Mixing ratio	Parts by Volume	2.5 parts Zentrival FM for 1 part Water	Approximate mixing ratio, mix as per desired consistency
Joint Widths	Mm	Minimum : 2 Maximum : 6	Coarser grade available for wider joints
Consumption	Kg/ Litre volume	1.5 – 1.7	Approx 65 running metre for 3mm joint.

Product Characteristics for Zentrival® FM

Type of Product	Polymer modified tile grout / Joint Mortar
Form	Powder
Colour	Grey and white (Universal stainers can be added for desired matching colours)
Shelf Life	6 months from date of Manufacture
Delivery	30 Kg Sacks
Storage	In Unopened Packaging. Protect from Rain, Direct Sunlight, Heat and Frost
Disposal	Empty packs completely and dispose off carefully to protect our Environment

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 may 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. E. & O.E.

Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.

Edition: January 2019