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Technical Data Sheet

3D – Sealants & Chemical Construction



SC-039

3D Elastic C200

FEATURES

- High flexibility
- Good adhesion
- Good waterproofing
- Can be immersed in water
- Can be left bare, or painted or tiled over
- External and internal use
- Contains antimicrobial (BioCleanAct)
- Safe and environmentally friendly

DESCRIPTIONS

It is a 2 components high performance waterproofing cement and sealing membrane which provides a total waterproofing system. It is ideal for using in shower recess prior to tiling and can also be used to waterproof terrace, balcony, bathroom, swimming pool, basement, reservoir and water tank. It is highly flexibility, has good adhesion, and can bond to various substrates such as concrete, render, existing tile, gypsum, fiber cement, etc, and can be used on existing tiles without prior demolition. It contains BioCleanAct antimicrobial protection to inhibit the growth of stain causing mold and mildew. It can be left bare without topping.

APPLICATION

1. Surfaces must be dry, clean, and free of dust, oil, grease and other contaminants.
2. Absorbent substrates must be saturated thoroughly by spraying some water on the desired area and boundary wall up to 10-20 cm above ground level.
3. Mix 3D Elastic C200 by low speed mixer and stir until homogeneous before use.
4. For wall/floor junctions or corners, place RHINOZ Fiberglass Mesh Tape to reinforce strength and durability.
5. Apply the first coat of 3D Elastic C200 on the desired area by brush or roller, allow it to dry for 2-4 hours.
6. Apply the second coat of 3D Elastic C200 in crosswise direction to the first coat and allow it to completely dry for 7 days before tiling or filling water, water tanks must be rinsed thoroughly prior to filling.

PACKING SIZE

4 kg/set 20 kg/set

STORAGE

Store in a dry place with 1 year shelf life in the original unopened packing.

TECHNICAL DATA

Base	:	(A) Special cement	(B) Acrylic polymer
Appearance	:	(A) Grey powder	(B) White liquid
Density	:	(A) 1.9 g/cm ³	(B) 1.0 g/cm ³
Mixing ratio	:	Part-A:B = 3:1 by weight	
Bucket life	:	4 - 6 hours	(Depending on ambient conditions)
Recoat-time	:	2 - 4 hours	(Depending on ambient conditions and thickness)
Cure time	:	7 days	(Depending on ambient conditions and thickness)
Elongation at break	:	More than 50 %	(ASTM D2370)
Tensile strength	:	0.8 N/mm ²	(ASTM D2370)
Bonding strength	:	0.7 N/mm ²	(ASTM D4541)
Toxicity	:	Non-Toxic	
Coverage	:	0.5 kg./m ² /time	(Thickness 500 microns)

DISCLAIMER : The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.



SC-039

3D Elastic C200

Application Procedure



Surfaces must be dry, structurally sound, clean, and free of dust, oil, grease and other contaminants. For cracks and hollow joints must be filled with RF-106 RHINOZ Cement Rapid Filler.



Absorbent substrates must be saturated thoroughly by spraying some water on the desired area and boundary wall up to 10-20 cm above ground level.



Mix **3D Elastic C200** with the ratio of Part-A:B = 3:1 by weight by low speed mixer (300-500 rpm). Pour 3/4 of powder (Part-A) into a suitable container, add a half of polymer (Part-B) gradually in order to obtain a plastic consistency. Mix in the rest of polymer (Part-B), then add powder (Part-A) and mix until homogeneous before use.



For wall/floor and wall/wall junctions and corners, after applying the **3D Elastic C200**, while it is still wet, tape **RHINOZ Fiberglass Mesh Tape** over. Apply the second coat over the fiberglass, ensuring that all of the fiberglass is covered and let it dry.



Apply the first coat of **3D Elastic C200** in the same direction by brush or roller, allow it to dry for 2-4 hours (at room temperature).



Apply the second coat of **3D Elastic C200** in crosswise direction to the first coat, allow it to completely dry for 7 days before tiling or filling water.