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Technical Data Sheet

RHINOZ – Innovation Special Products

RHINOZ® RF-239

RHINOZ Hybrid FX-55

FEATURES

- Easy to mix and apply
- Excellent adhesion to most surfaces
- Good mechanical strength and flexibility
- Non sag on vertical surfaces
- Durable and weather resistant
- Vibration and impact resistant
- Non shrinkage
- Non water absorption

DESCRIPTIONS

It is a two component, joint sealing compound based on epoxy modified polyurethane. It is ideal for sealing joints, movement joints, expansion joints and repairing cracks. It is excellent adhesion to most surfaces such as concrete, masonry, precast, fiber concrete, wood and other construction materials. It is high strength, flexible, vibration and impact resistant. It is non-sag on vertical surfaces and non-shrinking due to their high-solids content. It is easy to mix and can be applied by using either a trowel or spatula.

APPLICATION

1. The surfaces must be structurally sound, free from dirt, dust, grease and other contaminants
2. Mix Part-A/B = 2/1 part by weight, mix thoroughly using either hand tools or low speed mixer 200-500 rpm.
3. Mixed until to be homogeneous and the mixed epoxy should be used within 30 minutes
4. Apply RHINOZ Hybrid FX-55 by filling knife or trowel into the joints or the desired area
5. For deep cracks or holes, apply two or more layers and allow it to dry between each layer
6. Allow a minimum of 16-24 hours setting time before applying a covering material

PACKING SIZE

4.5 kg/set

STORAGE

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

TECHNICAL DATA

Base	:	(A) Epoxy modified	(B) Hardener
Appearance	:	(A) White viscous	(B) Black viscous
Mixing ratio	:	Part-A/B = 2/1 part by weight	
Bucket life, 4.5 kg.	:	30 - 50 minutes	
Setting time	:	16 - 24 hours	(Depending on ambient conditions and thickness)
Cure time	:	7 days	(Depending on ambient conditions and thickness)
Hardness Shore A, 1 days	:	≥ 90	(ASTM D2240)
Hardness Shore A, 7 days	:	≥ 95	(ASTM D2240)
Tensile strength, 7 days	:	≥ 2.5 N/mm ²	(ASTM D638)
Elongation at break, 7 days	:	≥ 50 %	(ASTM D638)
Bond strength, 7 days	:	≥ 4 N/mm ²	(ASTM D4541)
Shrinkage	:	≤ 2 %	(ISO 13007-4)
Coverage	:	24 m/4.5 kg/set	(Dimension 1x1 cm.)