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*Technical Data Sheet*

**RHINOZ – Innovation Special Products**

# **RHINOZ<sup>®</sup> RF-288**

## **RHINOZ Hybrid FX-42**

### **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 water absorption
- Easy to clean with water

### **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, it is easy to clean with water.

### **APPLICATION**

1. Mix Part-A/B = 2/1 part by weight, mix thoroughly using either hand tools or low speed mixer 200-500 rpm.
2. Mixed until to be homogeneous and the mixed epoxy should be used within 30 minutes
3. For applications where joints are very deep, recommend to use backing rod prior to fill the jointing compound
4. Apply RHINOZ Hybrid FX-42 by trowel or spatula into the joints or the desired area
5. Allow a minimum of 24-48 hours setting time, before painting or applying a covering material
6. Clean tools and equipment with water

### **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) Yellow viscous
Mixing ratio	:	Part-A/B = 2/1 part by weight	
Pot life	:	30 minutes	
Setting time	:	24 - 48 hours	( Depending on ambient conditions and thickness )
Cure time	:	7 days	( Depending on ambient conditions and thickness )
Hardness Shore A @ 7 days	:	94 - 98	( ASTM D2240 )
Tensile strength @ 7 days	:	4 - 6 N/mm <sup>2</sup>	( ASTM D638 )
Elongation at break @ 7 days	:	20 - 40 %	( ASTM D638 )
Compressive strength @ 7 days	:	28 - 32 N/mm <sup>2</sup>	( ASTM C109 )
Pull-off adhesion @ 7 days	:	> 4 N/mm <sup>2</sup>	( ASTM D4541 )
Coverage	:	24 m./4.5 kg/set	( Dimension 1x1 cm. )

**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.