



**RF-239**

## **RHINOZ Hybrid FX-55**

The innovation of jointing compound that combine the excellent property of epoxy and polyurethane.

An epoxy modified polyurethane jointing compound developed specially for sealing joints of fiber cement wall, gypsum board wall, light weight wall, and concrete wall, it is suitable for both interior and exterior application. It can be applied on joints of door and window frame, as well as wall cracks. It is high in flexibility, adhesion bonding, resistance to impact and vibration, and resistance to weathering, while does not shrink or absorb water and moisture. It can be sanded and painted over, to achieve a long lasting smooth non crack finish.

- Easy application using trowel
- Excellent adhesion to various types of material
- High flexibility and resistant to impact and vibration
- Do not release solvent or stain after applied
- Resistant to weathering and moist condition

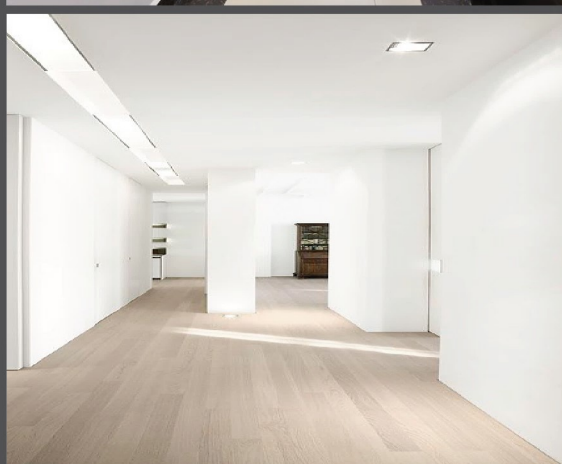
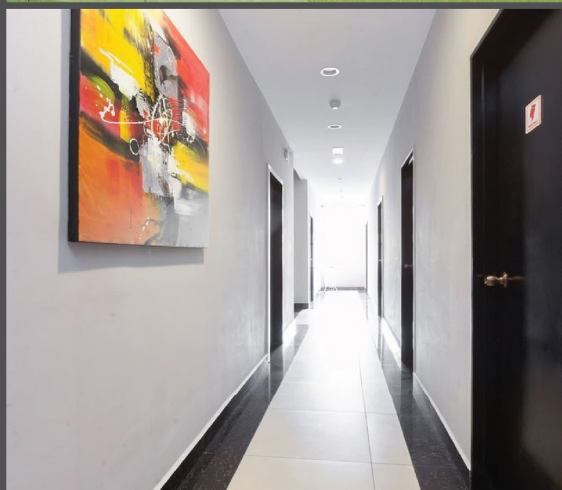
**Packing Size** : 4.5 kg

**Coverage** : 20-24 m/ 4.5 kg set

**Storage** : Store in a dry and shaded place with shelf life of 1 year in the original unopened packing.

### **TECHNICAL DATA**

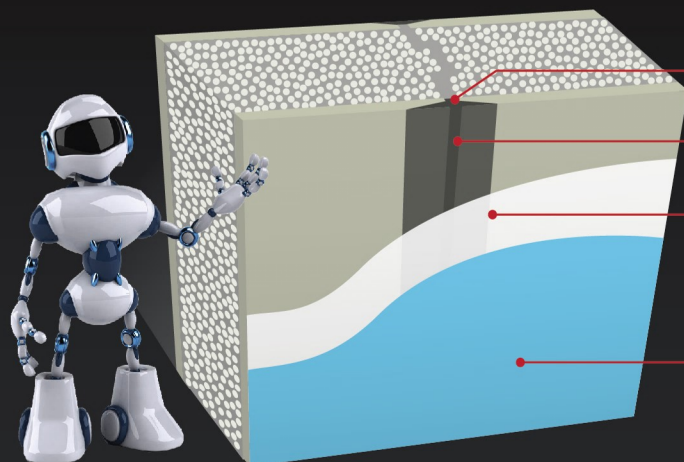
Base	: (A) Epoxy modified (B) Hardener	
Appearance	: (A) White viscous (B) Black viscous	
Mixing Ratio	: Part-A/B = 2/1 by weight	
Pot Life	: 45 minutes (depending on ambient conditions)	
Dry Time	: 24 hours (depending on ambient conditions and thickness)	
Cure Time	: 7 days	
Hardness (Shore A) at 1 day	: 90-95	(ASTM D2240)
Hardness (Shore A) at 7 days	: 95-99	(ASTM D2240)
Tensile Strength	: 2.5-0.4 N/mm <sup>2</sup>	(ASTM D638)
Elongation	: >50%	(ASTM D638)
Bonding Strength	: 4-6 N/mm <sup>2</sup>	(ASTM D4541)



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# JOINTING SOLUTION

## RHINOZ Hybrid FX-55



- 1 **RF-143 RHINOZ Primer Bonding**  
Strengthening adhesion to the surface, reduce dust
- 2 **RF-239 RHINOZ Hybrid FX-55**  
Seal joint or crack, high flexibility, no shrinkage, no stain
- 3.1 **RF-102 RHINOZ Acrylic Skim**  
Smooth finish, high flexibility, no crack
- 3.2 **RF-155 RHINOZ Skim Extra Force**  
High flexibility, durable, no crack
- 4 **Paint**

**RHINOZ**

## APPLICATION

### 1. Surface Preparation



1.1 Clean the surface to be free from dust, grease and other contaminants. In case the gap is deep and wide, can install backing rod first.



1.2 Apply **RHINOZ Primer Bonding** along jointing for about 3 cm width on both sides of jointing. Leave it to dry 10-15 minutes, or until the primer bonding become clear color.

### 2. Mixing RHINOZ Hybrid FX-55



2.1 Use trowel to scrape Part B into Part A. Mix at the ratio of A/B = 2/1 by weight.



2.2 Mix thoroughly using spinning mixer at low speed of 300-500 rpm until become homogeneous.

### 3. Application of RHINOZ Hybrid FX-55



3.1 Apply **RHINOZ Hybrid FX-55** along the joint to fill the gap at thickness of 3-5 mm, and cover 2.5 cm width on both sides.



3.2 To make surface smoother, can apply second layer of **RHINOZ Hybrid FX-55** after 2-3 hours.

### 4. Sanding



4.1 Leave it to dry completely for 24 hours. Sand the surface with sanding paper to achieve smooth finish.



4.2 After sanding, the wall is ready to be skimmed or painted over

Recommendation: For complete crack prevention performance, the skim that is applied on top should have flexibility such as RF-102 RHINOZ Acrylic Skim or RF-155 RHINOZ Skim Extra Force.

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