

# **RF-134**

# **RHINOZ**

## **HYBRID JOINTING**

## **COMPOUND**

*The New Generation of Wall Jointing  
and Crack Solution*



- ✓ **Seamless Jointing**
- ✓ **High Heat Resistant**
- ✓ **High Flexible**
- ✓ **Water Resistant**
- ✓ **No Shrinkage**

**RECOMMEND!**  
For  
**Precast wall**  
**Fiber cement wall**  
**Light weight wall**



### **RHINOZ Hybrid Jointing Compound**

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



# RF-134

# RHINOZ

## HYBRID JOINTING COMPOUND

### The New Generation of Wall Jointing and Crack Solution

**RHINOZ Hybrid Jointing Compound** 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.



\* Passed 6 Thermal Cycle Test at -10°C - 80°C by TUV SUD

\*\* Durometer Hardness (Shore A), Elongation at Break, Water Absorption

\*\*\* Pull-off Adhesion Test, Bending Test

## The best innovation of jointing compound which combine the excellent property of epoxy and polyurethane.

## ZERO DEFECT



### HIGH FLEXIBILITY

High flexibility, can cover up cracks and prevent for further crack problems in future. Suitable for high rise building and structure with high movement.

- Tested Elongation at Break according to ASTM D2370



### HIGH HEAT AND MOISTURE RESISTANT

Allow application in moist area. After curing, can endure heat up to 80°C and water submerging.

- Passed 6 Thermal Cycle Test at -10°C - 80°C under thermal cycle test of pre-cast concrete system by TUV SUD (THAILAND) Limited.



### NO WATER ABSORPTION, WORKABLE IN MOIST CONDITION

Workable during application due to self-chemical curing. After installation, prevent water leakage in wet whether, protecting building, high resistant to humidity.



### NO SHRINKAGE

After curing, no shrinkage and solvent releasing, preventable uneven and discoloration problems on the surface.

- Test % Shrinkage according to ISO13007-4



### SANDABLE, CAN BE PAINTED OVER

Can be sanded easily after curing and suitable for painted over with no stain or discoloration problem.



### FREE FROM MOLD AND BACTERIA

Has mold and bacteria resistant chemicals which results in long lasting property and quality, user friendly.

- Tested Antibacterial activity according to ISO 22196



# RHINOZ

## RHINOZ Hybrid Jointing Compound

### TECHNICAL DATA

Base	: (A) Epoxy modified	(B) Hardener
Appearance	: (A) White viscous	(B) Black viscous
Mixing ratio	: Part-A/B = 3/1	part by weight
Pot life	: 45-60 minutes	
Recoat able	: 2-3 hours	(Depending on ambient conditions and thickness)
Sand able	: 24 hours	(Depending on ambient conditions and thickness)
Cure time	: 7 days	(Depending on ambient conditions and thickness)
Elongation	: > 100 %	(ASTM D412)
Tentile strength	: 3.0 N/mm <sup>2</sup>	(ASTM D412)
Bond strength	: 2.6 N/mm <sup>2</sup>	(ASTM D4541)
Hardness (Shore A)	: 83	(ASTM D2240)
Bending (1mm. Thickness)	: Ø 3 mm.	(ASTM D522)
Packaging	: 1 kg., 4 kg.	
Coverage	: 6-7 m./kg./set	(Dimension 1x1 cm.)

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

## 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 5 cm. width on both sides of jointing. Leave it to dry 10-15 minutes, or until the primer bonding become clear color.

### 3. Application of RHINOZ Hybrid Jointing Compound



**3.1**  
Apply **RHINOZ Hybrid Jointing Compound** along the joint to fill in the gap at 5 cm. width on both sides.

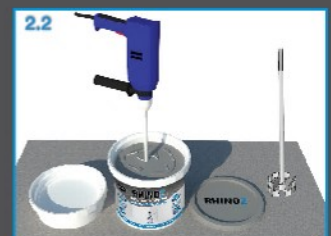


**3.2**  
To make surface smoother, can apply second layer of **RHINOZ Hybrid Jointing Compound** after 2-3 hours.

### 2. Mixing RHINOZ Hybrid Jointing Compound



**2.1**  
Use trowel to scrape Part B into Part A. Mix at ratio of A/B = 3/1 by weight.



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

### 4. Sanding



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



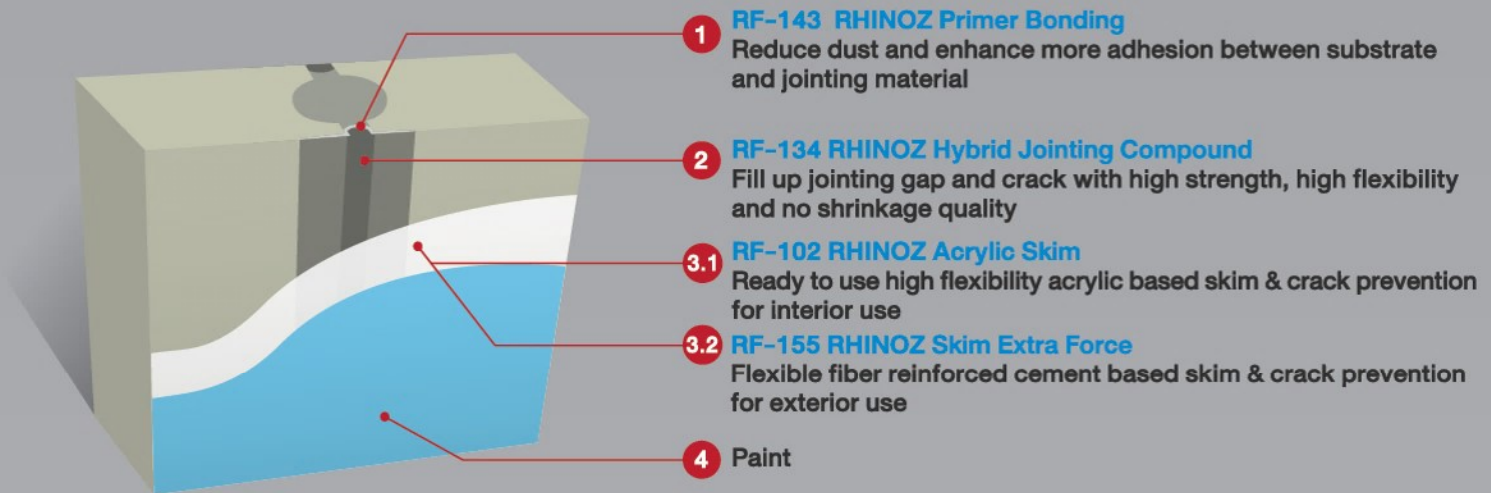
**4.2**  
After Sanding, the wall is ready to be skimmed or painted over.

**SCAN** for  
Application Process  
VDO. Clip



# RHINOZ Jointing System

# RHINOZ



1

**RF-143  
RHINOZ Primer Bonding**

Multipurpose acrylic latex bonding agent for increasing surface adhesion, flexural strength, and tensile strength, while reducing peeling, chalking, and shrinkage of the topping coat. Suitable for new and existing concrete, mortar, and plaster.

Packing : 1 litre and 4 litre  
Coverage : 10-15 sqm./litre (Depending on surface)



2

**RF-134  
RHINOZ Hybrid Jointing Compound**

Two component epoxy modified polyurethane ideal for sealing movement joints, expansion joints, and repairing cracks. Excellent in adhesion, strength, flexibility, vibration and impact resistant. High in solid content, with no shrinkage and no sagging. Suitable for interior and exterior.

Packing : 1 kg., 4 kg.  
Coverage : 6-7 m./kg./set (Dimension 1x1 cm.)



3.1

**RF-102  
RHINOZ Acrylic Skim**

Ready to use smoothing skim for surface defect repairing that eliminates grooves, seams, fine cracks, and rock pockets. Suitable for interior wall and ceiling such as fiber cement, gypsum board, etc. Excellent in adhesion, flexibility, and can be sanded or painted over.

Packing : 5 kg. and 25 kg.  
Coverage : 1.2 kg./sqm. (1 mm. thickness)



3.2

**RF-155  
RHINOZ Skim  
Extra Force**

Extra reinforce cement skim to smoothen surface defect such as grooves, seams, fine cracks, and rock pockets. Suitable for exterior wall such as fiber cement, gypsum board, precast panel etc. Excellent in adhesion, flexibility, weather resistant, and can be sanded or painted over.

Packing : 25 kg.  
Coverage : 1.5 kg./sqm. (1 mm. thickness)



**AB-005  
RHINOZ Paddle Mixer**

Paddle mixer with 2 direction spinning, increasing mixing power 5 times than usual mixing blade. It helps mixing component homogeneously, faster and easier. It is made of high quality steel with corrosion-resistant coating.

Size : Ø 65x400 mm.

Trusted by

**ZERO  
DEFECT**



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