

Product Data Sheet

# RF-134 RHINOZ Hybrid Jointing Compound

## PRODUCT DESCRIPTION

RHINOZ Hybrid Jointing Compound is a two component, joint sealing compound based on epoxy modified polyurethane. 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 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.

## APPLICATION PROCESS

1. Surfaces must be clean, dry, and free of dust, grease, peeling paints, and other contaminant. For large or deep joint, backing rod or concrete can be used to fill the gap first.
2. Apply RHINOZ Primer Bonding all over the gap and cover 5 cm to the side, both left and right. Leave it to dry for 10-15 minutes. Leaving it exposed for too long may cause dust accumulation on the surface.
3. Use trowel to transfer part B into the part A container. Mix Part-A/B = 3/1 by weight. Install paddle mixer to the drill, mix thoroughly using low speed mixer of 300-500 rpm until become homogeneously grey color. The mixed should be used within 60 minutes.
4. Apply RHINOZ Hybrid Jointing Compound by trowel into the joints and scrap over to cover 5 cm to the side, both left and right. Touch up the surface for smooth and leveled finish.
5. The 2nd coat can be applied to touch up or fill the joint 2-3 hours after the first coat.
6. Allow a setting time of 24 hours, before sanding with sandpaper, painting or applying a covering material.



## 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
Shelf life	: 1 year
Pot life	: 45 minutes
Recoat time	: 1 - 2 hours ( Depending on conditions)
Sandable time	: 24 hours
Cure time	: 7 days ( Depending on conditions)
Elongation at break	: 100 % ( ASTM D412 ) 7 days
Tensile strength	: 3.0 N/mm <sup>2</sup> ( ASTM D412 ) 7 days
Bonding strength	: > 2 N/mm <sup>2</sup> ( ASTM D4541 ) 7 days
Hardness	: 83 ( ASTM D2240 ) Shore A 7 days
Bending	: Ø 3 mm. ( ASTM D522 ) 7 days, 1 mm thickness.
Coverage	: 6 m <sup>2</sup> /1 kg/set ( Dimension 1x1 cm. )
Packing Size	: 1 kg

- **Excellent adhesion to most surfaces**
- **Good mechanical strength and flexibility**
- **Non sag on vertical surfaces**
- **Durable and weather resistant**
- **Vibration and impact resistant**
- **Sandable and smooth**
- **Non shrinkage**
- **Non water absorption**

## PROJECT REFERENCES



Icon Siam



HYDE Sukhumvit 11



AERAS Pattaya



SKYLINE Rattanaithibet



RIVERA



CP LAND Residences



THE NICHE by SENA



MAYFAIR PLACE Sukhumvit 50