

EI344 EIFS SURFACE ADHESIVE

PRODUCT DESCRIPTION

- High quality polymer modified cementitious surface base coat for EIFS.
- Surface mortar coat applied onto the EPS/XPS board.
- Low water absorption.
- Possesses good workability and high bonding strength.
- It is recommended to use with **OPTIMIX EI343 EIFS Base Adhesive** for fixing the board.

TYPICAL USAGE

- Exterior Insulation and Finishing System for new and renovation projects.
- Suitable for fixing EPS/XPS board.

FEATURES AND BENEFITS

- High bonding strength
- Low shrinkage
- Consistent quality
- Simple and easy to use
- Good water resistance
- High productivity rate
- Efficient operation
- Environmental friendly

TECHNICAL DATA

Product Characteristics	OPTIMIX EI344
Bond to EPS Board - Standard Condition	0.15 MPa
Bond to EPS Board - Water Immersion	0.12 MPa
Bond to Concrete - Standard Condition	0.8 MPa
Water Absorption	< 500 g/m ²
Impact Resistant (with glass fiber mesh)*	7 J
Typical Mixing Water	4.75 - 5.25 litres
Wet Density	1050 kg/m ³
Coverage	1.25kg/mm/m ²
Packaging	25 kg per bag
Shelf Life	12 months

Note: The above are typical laboratory test results at 28 days and can vary slightly depending on ambient and substrate conditions during application.

* The test was according to the modification of the impact test on JG158.

SURFACE PREPARATION

EPS board surface must be clean, free from loose particles, oil, grease and other contaminants.

MIXING AND APPLICATION

- Mix one bag of **OPTIMIX EI344 EIFS Surface Adhesive** dry powder with 4.75 - 5.25 L potable water.
- Mechanical mixing with slow speed drill fitted with a suitable paddle is recommended.
- Mix the mixture for about 5 minutes or until a lump-free homogenous mix is achieved.
- Spread the mixture on the EPS board with thickness about 1.5 - 2 mm and embed the alkaline resistance glass fiber mesh onto the first layer as reinforcement.
- A second layer of around 1.5 mm should then be applied and leveled off with a straight edge trowel.

FINISHING

It is recommended to allow 7 days before coating is applied over the hardened mortar surface.

HEALTH AND SAFETY

OPTIMIX EI344 EIFS Surface Adhesive is alkaline in nature and can cause irritations to persons with sensitive skin. During use, avoid inhalation of dust and contact with skin and eyes. Wear suitable protective gloves and masks while handling the product. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. This product is non-toxic and is not flammable.

STORAGE

- Store in dry conditions in the original unopened bags.
- Store out of direct sunlight, clear of ground on pallets protected from rainfall.
- Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Important Note: The information contained herein is, to the best of our knowledge, true and reliable and is supported by the present state of our knowledge. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives as the conditions of use and any labour involved are beyond our control.



CEMENT CONNECTIONS LIMITED
20/F, SUP Tower, 75-83 King's Road,
North Point, Hong Kong.

☎852 • 2802 6433
☎852 • 2802 6408
www.cementconnections.com