



EIFS Adhesive

2 Component EIFS Adhesive

Pack Size
40Kgs

TDS Technical Data Sheet



Description

EIFS Adhesive A300 is an advanced exterior insulation adhesive designed specifically for bonding expanded polystyrene (EPS) boards to primary wall substrates. This water-based elastomeric coating utilizes cutting-edge technology to provide resistance against severe weather conditions, chemical erosion, and more. The adhesive is supplied as a white emulsion in a two-component system, which, when mixed with water and dry mortar as per the manufacturer's instructions, forms a highly effective bonding material.

Uses

EIFS Adhesive A300 is a premixed, polymer-reinforced cement-based material with excellent properties including bonding strength, sag resistance, water preservation, and anti-aging capabilities. It is designed for the adhesion of wall substrates to polystyrene foam panels in Exterior Insulation and Finish Systems (EIFS), XPS extruded sheets,

Properties

Items	Specification	Test Result
Adhesive Strength	≥ 1.0	1.5
Tensile Strength	≥ 2.0	2.3
Elongation Ratio, %	≥ 150	218
Water Impermeability	0.3 Mpa, 30 min	Impermeability
Cold Temperature Flexibility	-20°C, 2h	Free of Cracks
High Temperature Resistance	80°C curing 3 days	No peeling off, no blister, no crack
Freezing & Thawing Resistance	200 cycles	No weight loss, no peeling, no crack
Alkali Resistance	500h in NaOH solution	No peeling, no pulverizing, no crack
Weather Resistance	500h	No blister, no crack, Grade 1 pulverizing

Advantages

EIFS Adhesive A300 offers high adhesive strength to various substrates, exceeding that of ordinary cement mortar by 2 to 10 times. It also boasts excellent tenacity, allowing it to accommodate substrate expansion and shrinkage without cracking. The adhesive has superior freezing and thawing resistance and can be applied on moist surfaces without compromising adhesion. Additionally, the waterproofing layer formed by EIFS Adhesive A300 can be customized in different colors and is highly resistant to salt and alkali, making it an environmentally friendly option.

Application Instructions

Mixing

Proportionally mix the components evenly to form a shiny adhesive paste.

Surface Preparation

Ensure the substrate is clean, free from grease, release agents, and debris. The surface should be flat and smooth.

Application

Apply the mixed adhesive using the point box bonding method. Coat the adhesive around the perimeter of the polystyrene board, with additional points applied in the center. The area covered should be at least 30% of the board's surface. Press the board firmly against the wall, ensuring it is evenly aligned. The adhesive should be used immediately after mixing and within 2 hours. The application temperature should not be below 5°C, and the wind speed should not exceed 5. Avoid application during rain.

Coverage

Recommended consumption is 1-1.5 kg per square meter, depending on the wall's flatness. One ton of adhesive can cover approximately 800-1000 square meters.

Health & Safety

Avoid prolonged contact with eyes and skin. For detailed safety information, refer to the relevant Material Safety Data Sheet (MSDS).

Packing & Storage

EIFS Adhesive A300 is supplied in 40 kg packs, consisting of Part A (20 kg) and Part B (20 kg) buckets. Store in a clean, dry area, protected from direct sunlight, extreme heat, and cold. Unopened containers can be stored for up to 12 months.

Pack Size

40Kgs



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

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