
NURAJACK EPOXY ADHESIVE TECHNICAL DATA SHEET

Description

Nurajack Epoxy Adhesive is a two-part structural repair mortar and adhesive based on a blend of epoxy resins and high-quality fillers, it is moisture tolerant and offers excellent adhesion to concrete, metal and a wide range of substrates including **Nuraply 3PM**.

Typical Uses

A structural repair and adhesive mortar for a wide range of substrates and applications including

- Bonding tiles to **Nuraply 3pm** on vertical and horizontal surfaces such as steps, nibs and upstands
- Bonding pavers to **Nuraply 3pm** on vertical and horizontal surfaces such as steps, nibs and upstands

Features and Benefits

- 100% solids
- High compression strength
- Low viscosity – easy application
- Moisture tolerant
- Good chemical resistance – long term protection
- Non-shrink
- High strength adhesive – excellent adhesion to most construction materials
- No-sag in vertical and overhead applications

Typical Properties

Shelf Life	1 year
Mix Ratio	2 resin to 1 hardener
Solids content	100%
Tensile Strength (MPa)	15
Compressive Strength (MPa)	69 (28 days)
Flexural Strength (MPa)	30
Work Time	30 – 50 minutes @20°C
Full cure	7 days

Surface Preparation

The Nuraply 3PM surface must be clean, sound, dry and free from loose chip or surface contaminants such as grease, oil chemicals, paint etc.

Mixing

For best results, ensure the components are between +5°C and +29°C prior to mixing. Premix both components separately to a homogenous consistency. Place the correct proportion of Component A and Component B into a clean container with flat wall and bottom. It is recommended where possible to always use whole units. If part units are required, then accurately measure by weight.

Mix thoroughly for a minimum of 3 minutes using a low speed drill (400-600 rpm) and a mixing paddle. Keep the paddle below the surface material to avoid entrapment of air. After 3 minutes, carefully scrape the sides and bottom to ensure thorough mixing, then continue to mix for a further 2 minutes until a uniform light grey colour is achieved. Thorough mixing of both components is important to obtain optimum results. Mix only the amount of material that can be used within the pot life.

Application

When applying as a thin layer adhesive use a spatula or notched trowel or spreader. Ensure good contact with the surface is achieved. On vertical surfaces maximum layer thickness is 25-20mm to prevent slumping. To avoid potential shrinkage caused by exotherm the maximum layer thickness per application is 40mm.

Limitations

- Do not use below +4°C or above +35°C
- Is not suited for use in moving cracks

Packaging

1.2kg pack
5kg pack
30kg pack

Shelf Life

Keep in tightly sealed containers in a cool place. Do not store near boilers or other sources of heat. Do not store in direct sunlight. Tightly sealed containers will store for approx. 12 months. Use older material first.

Please ensure the relevant Safety Data Sheet is consulted prior to use for guidance on storage, handling and disposal.

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