

JAYCOBOND 274 THIXOTROPIC EPOXY

DESCRIPTION

Jaycobond 274 is a solvent free, thixotropic, polyamide cured epoxy adhesive. It has been specifically designed as a general purpose adhesive suitable for bonding most materials or as a grouting medium for fixing steel rods, bolts etc. into concrete, brickwork or stone. The product is non-slump and is suitable for both horizontal and vertical applications.

FEATURES

- Non-shrink, impact resistant when fully cured.
- No loss in bond strength if used as a grouting medium.
- Supplied in a ready to use kit form.

PREPARATION

Ensure surfaces are clean, dry and sound. Any paint, grease, release oils and curing compounds must be removed. Smooth surfaces such as aluminium and steel should be abrasive blast cleaned or roughened by some appropriate means.

APPLICATION

Mix the two components thoroughly on a clean flat surface in carefully measured quantities (2 parts of base to 1 part of activator) until a uniform colour is obtained. If used as a grouting medium only add the aggregate once the epoxy is properly mixed.

Apply sufficient adhesive to one surface so that the excess squeezes out when the two items are bonded together. Keep the bonded surfaces under pressure until the adhesive has set.

For grouting applications add an equal volume of fine silica sand to the mixed adhesive. Fill the hole before inserting the steel rod or bolt with a rotary motion to ensure proper wetting of all surfaces. Do not use unfilled Jaycobond 274 to grout holes larger than 1½ times the diameter of the steel rod or bolt.

SPECIFICATIONS

BASE : Solvent free polyamide cured epoxy

NON VOLATILES : 100 %

COLOUR	: Base - White : Activator - Cream
VISCOSITY	: Thixotropic paste
MASS PER LITRE	: 1,12 kg (mixed)
MIXING RATIO	: 1 : 1 by volume
POT LIFE (MIXED)	: ± 1 hour @ 25°C
COVERAGE	: 1 sq metre per litre at 1mm film thickness
CURING TIME	: 8 hours in moderate conditions
FULL CURE	: 7 days
COMPRESSIVE STRENGTH	: 50 MPa

GENERAL

SERVICE TEMPERATURE LIMITS	: -10°C to +90°C
APPLICATION TEMPERATURE LIMITS	: +10°C to +40°C- <i>DO NOT USE BELOW 10°C</i>
STORAGE TEMPERATURE LIMITS	: +10°C to +30°C
SHIPPING CLASSIFICATION	: Epoxy compounds. Keep away from foodstuffs.
PACKING	: 500ml, 1 litre and 5 litre kits.
STORAGE	: 12 months at 25°C in unopened containers Protect from freezing.

LIMITATIONS AND PRECAUTIONS

Cured epoxies are inert, non-toxic and harmless.
Uncured epoxies are toxic and may cause skin irritation.
Consult the Material Safety Data Sheet for correct handling and storage before use.

The information contained in this technical data sheet is to the best of our knowledge correct. NO GUARANTEE IS EXPRESSED OR IMPLIED. Users must satisfy themselves as to the efficacy of the product in their application.