

Technical Specifications

Polyester Based masonry / Brick Slip Bonding & Repair Resin

A two part bonding resin for general purpose repair and adhesion work which is very easy to mix and apply. Small amounts can be readily mixed to suit and it is a solvent free system, designed primarily for the decorative brick industry for use on lintels, chimneys, arches and brick slips but it is also fully suitable for general crack repair and filling as well as bonding masonry etc. together or to other surfaces. The resin is a fast cure system with gel times being less than 1 hour & ADOFIX RAPID is faster still with less than 30 minute gel times and primarily used for emergency repair. (See separate data sheet for ADOFIX RAPID) The resulting bond strength for both is generally higher than the material it is bonding together

Advantages

- Easy to mix and apply
- Less than 1 hour curing – cures down to 7°C
- Excellent shrinkage and chemical resistance
- Excellent sealant properties
- Easily pigmented-use polyester based colorants.
- Do not use Epoxy based pigments
- Excellent adhesion to almost any surface
- Can be used for structural repairs
- High strength and super tough
- Easy sanding and modelling
- Suitable for internal and external applications
- Ideal for large overhead repairs*
- Low VOC Adhesive – < 290 g/l

Application

SUBSTRATE PREPARATION:

The application surfaces must be sound, clean, dry and free from oil, grease or surface water wherever possible. Smooth surface should be abraded beforehand to maximise adhesion.

APPLICATION AND MIXING:

Remove the hardener 'dish lid' to reveal the resin component beneath.

Stir the resin well before use to avoid any resin settling

It is recommended that small quantities be used at any one time to enable ADOFIX to be applied before initial setting takes place. Transfer a golf ball sized of filler onto a suitable mixing board using the spreader present within the pack. Squeeze approximately 25mm of the hardener from the tube and mix. Mixing is best carried out with a folding action.

NOTE: Do NOT add excess hardener – this will NOT improve Gel / Cure time and ultimately may be detrimental to the curing effectiveness and lead to lower bonding strengths.

Apply ADOFIX with a trowel, spatula or scraper with a minimum thickness of 1mm. Ensure that adhesion takes place while ADOFIX is still mobile and tacky. Components should be supported during curing to avoid and prevent slippage.

Tools should be cleaned with Resoklens as quickly as possible to remove any uncured material.

GEL / CURING TIMES

7 °C	-	40 minutes gel time and full cure in 12 hours
20°C	-	30 minutes gel time and full cure in 12 hours

TYPICAL PROPERTIES

COLOUR	-	Grey
MIXING RATIO	-	50 Parts filler: 1 Part hardener by weight
WORKING LIFE	-	20 Minutes @ 20° C
HARDENING	-	40 Minutes@ 20° C
MIXED DENSITY	-	1.75 g/cm ³
APPLICATION TEMPERATURE	-	5 - 30° C

Coverage

Approximately 2m² @1mm per 5 kilos of Adofix

Storage

ADOFIX is flammable. Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Avoid any build-up of electrostatic charge in the immediate area. Ensure that lighting and electrical equipment nearby are not a source of ignition.

Shelf Life

If stored in accordance to the above recommendations and sealed in unopened containers, then shelf life is approx. 24 months.

Specification

ADOFIX is manufactured by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

Health and Safety

Adofix is classified as flammable and the hardener is classified as an irritant.

Ensure protective clothing is worn during use. If Adofix contacts the skin, wash off with soap and water. If irritation persists or a rash appears, seek medical advice.

For further information refer to the Safety Data Sheet.