

## Formfil

### Formwork Repair Paste

#### Description

A pre-mixed polyester resin paste to which a small amount of reactive hardener paste is added to produce a fast setting compound, highly resistant to impact, abrasion, oil, water and concrete alkalis. Specially formulated for the rectification of surface damage and irregularities on all types of timber and metal formwork, and for the filling of small imperfections and cracks in concrete surfaces.

#### Advantages

- Easily and quickly mixed and applied
- Ideal for large and small repairs, splits, holes, joints and poker burn
- Easily sanded, smoothed or profiled to the required finish
- Excellent adhesion to correctly prepared substrates
- Suitable for timber, plywood, phenolic coated ply, GRP and metal concrete moulds
- Rapid setting, will not be affected by the application of Nulease Formwork Coatings

#### Technical Information

Mixing Ratio	40:1 by volume
Density	1.7kg per litre
Working Temp	5 to 25°C , (@>25°C use Formfil Tropical)
Useable Life	5 minutes approx. @ 20°C
Fully cured	12 minutes approx. @20°C
Stability	12 months unopened tins
Flash Point	31°C (89°F)
Adhesion to Steel	8.5MPa
Adhesion to Timber	Timber Failure
Hardness	80 Shore 'D'

#### Surface Preparation

Remove all paint, grease, oil, rust and loose materials, ensuring that the surface is clean and dry. Prepare surfaces by deep scoring or drill small holes to ensure good adhesion. On corners or edges these should be pinned before applying Formfil.

#### Mixing

Place a quantity of the Resin Paste on a suitable flat board forming a ball of material approximately the size of a golf ball. Squeeze out a strip of hardener approximately 25mm (1") long and mix thoroughly with a putty knife or suitable tool until a smooth even coloured paste is obtained.

#### Application Instructions

Once mixed the Formfil should be pressed firmly into place but the surface should be left proud to allow for sanding. Sanding, drilling or machining can take place after a minimum of 15 minutes. At low temperatures a longer curing period should be allowed.

Tools and equipment should be cleaned with Nuwash immediately after use, before the Formfil hardens.

If Formfil is being used on new timber formwork; after it has fully cured we recommend that Nulease Formwork Coating be applied. This is to standardise the finish and provide a hard wearing blemish free surface. Nulease and Formfil are compatible products.

#### Packaging

Formfil is available in 7kg (3.92litre) and 1.5kg (0.84litre) units.

## Storage

Formfil Base is flammable, due precautions should be made when handling and storing this material.

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost.

## Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

## Limitations

For use below 5°C consult Nufins Technical Department.

## Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

## Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.

