

Nulease

Formwork Coating

Description

Nulease is a specifically formulated system designed to give the maximum protection to all types of timber formwork and moulds to ensure production of high quality concrete finishes.

Nulease Standard is recommended for sealing and protecting general formwork where the criteria is for multiple re-use.

Nulease Matt should be used for the production of high quality concrete finishes, due to its greater grain filling properties and matt finish which reduces crazing and hydration staining.

Advantages

- Life of formwork considerably increased reducing expensive replacement costs.
- Eliminates the differential absorbency of timber and subsequent colour variations.
- Provides a continuous film over timber, covering imperfections, the impression of which would otherwise be transferred to the concrete face.
- Stripping and cleaning time greatly reduced along with associated damage.
- Reduces deterioration of the formwork face giving uniformity and continuity of colour and texture.
- Prevents migration of harmful wood sugars and tannins into the concrete surface which would otherwise cause retardation, dusting and staining.

Technical Information

Coverage	7-9m ² per litre*	
Viscosity	Brushing consistency	
Flash point	47°C (118°F)	
Type	M.D.I. Polyurethane Pre-polymer	
S.G.	0.97 (STD)	1.14 (MATT)
Non-volatile content	>40% (STD)	>50% (MATT)
Typical dry film thickness	0.06mm (STD)	0.06mm (MATT)
Stability	12 months, unopened.	

*Coverage dependant upon timber porosity.

Surface Preparation

All surfaces should be clean, untreated with paints or oils and not damp. It is recommended that all screw holes, timber imperfections etc., are filled using Formfil Repair Compound.

Application Instructions

An initial sealing coat of either standard or matt should be applied (unthinned) by brush, roller or applicator.

Spraying is not recommended.

A second liberal application should be made, with the forms horizontal, 1-4 hours later or as soon as the first coat is dry. If 12 hours elapse between coats, lightly sand the first coat prior to the application of the second coat.

Formwork should be stacked separately with adequate ventilation and allowed to cure for 48 hours before use. It is recommended that the edges of all types of timber formwork should be sealed. Rough sawn timber used to produce a board marked finish normally requires sealing with one coat of Nulease but this is dependant on the timber type.

Recoating

Recoating of formwork which has been coated with Nulease and has been in use should only be carried out after cleaning with Desolve or similar solvent degreaser and thorough power sanding to provide a physical key.

Cleaning

All equipment should be thoroughly cleaned with Nuwash immediately after use.



Recommendation

For a first class release and finish, Chemlease Release Agent should be applied to the Nulease coated formwork prior to each cast.

Packaging

Nulease Standard is available in 5 litre and 25 litre tins.

Nulease Matt is available in 5 litre tins.

Storage

Nulease should be stored at normal room temperature away from foodstuffs and out of reach of children. The shelf life is limited to 12 months from the date of manufacture.

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

Reseal containers after use and do not return unused materials to the original container. Nulease will solidify if left exposed to the atmosphere. If applying Nulease outdoors, protect the wet film from rain and frost until dry.

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.

