

NULEASE VARNISH

Formwork Coating

Description

Nulease Varnish is a specifically formulated system designed to give the maximum protection to all types of timber formwork and moulds made of concrete to ensure production of high quality concrete finishes. Nulease Varnish Standard is recommended for sealing and protecting general formwork where the criteria is for multiple re-use.

Nulease Varnish 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 the formwork considerably increased reducing expensive replacement costs.
- Eliminates the differential absorbency of timber and subsequent colour variations.
- Provides a continuous film over timber imperfections, screws, nails etc., 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 a 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

Viscosity:	Brushing consistency
F.P.T:	47°C (118°F)
Type:	M.D.I. Polyurethane Prepolymer
S.G.:	0.97 (STD) 1.14 (MATT)
Stability:	Unopened Drum - 12 months

Average Coverage

	Coat
High Porosity	7.0 Sq. Metres per Litre
Low Porosity	9.0 Sq. Metres per Litre

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 unthinned standard or matt should be applied by brush, roller or applicator. Spraying is not recommended.

A second liberal application should be made with the forms horizontal 4-6 hours later, or as soon as the first coat is dry. If 24 hours elapse between coats, lightly sand the first coat prior to 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 Varnish but this is dependent on the timber type.

Recoating

Recoating of formwork which has been coated with Nulease Varnish 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 Chemical Release Agent should be applied to the Nulease Varnish coated formwork prior to each cast.

Packaging

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

Nulease Varnish Matt is available in 5 litre tins.

Storage

Nulease Varnish should be stored at normal room temperature away from foodstuffs and out of the reach of children.

The shelf life is limited to 12 months from the date of manufacture.

Health & Safety

Adequate ventilation must be provided. When applying Nulease Varnish care should be taken to avoid splashes contacting the eyes, but should this occur wash with copious quantities of cold water and seek medical attention. Protect skin with barrier creams or gloves. Do not use near naked flames or smoke during use as Nulease Varnish is flammable.

Limitations

Reseal containers after use and do not return unused materials to the original container. Nulease Varnish will solidify if left exposed to the atmosphere. If applying Nulease Varnish 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 representatives are available throughout the UK to provide further information and arrange demonstrations.



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