

TIMBER FORMWORK SEALER FORMSEAL

TECHNICAL DATA

1.0 DESCRIPTION

FORMSEAL is a single pack coating designed to provide a flexible, abrasion resistant film on timber formwork.

FORMSEAL has excellent alkali resistance and is not affected by solvents and oils commonly used in release agents.

The use of FORMSEAL will extend the life of formwork, give improved concrete surface finish, and reduce the consumption of release agent.

2.0 PROPERTIES

2.1. Colour	Transparent Pale Yellow
2.2. Specific Gravity	0.96
2.3. Flash Point	27°C
2.4. Viscosity	Low
2.5. Toxicity	Poisonous. Contains Isocyanate & Solvent 100.
2.6. D.G. Classification	3
2.7. Shelf Life	Up to 12 months in unopened containers as supplied.
2.8. Coverage	2 coats at 6 - 8m ² /litre.

3.0 USES

FORMSEAL is suitable for use on construction ply to achieve a non-absorbent; wear resistant surface up to the specifications of melamine coated overlay ply. Up to 19 pours have been achieved off a single FORMSEAL coated construction ply form.

FORMSEAL is also ideal for use on textured timber forms such as skip-sawn ply where a uniform architectural finish is required over a number of pours.

4.0 APPLICATION INSTRUCTIONS

- 4.1. Read label in conjunction with this product data sheet.
- 4.2. SURFACE PREPARATION: Timber to be coated with FORMSEAL must be clean and dry. All traces of wax, grease and oil, must be removed. Contaminated areas should be scrubbed with a water-soluble solvent or cleaner and then thoroughly rinsed with water and allowed to completely dry. This procedure may need to be repeated to remove soaked in oil or grease. Surfaces should be thoroughly sanded to obtain a smooth finish. Use sand paper max 100 – 120 grit.

FORMSEAL

TECHNICAL DATA Continued

4.0 APPLICATION INSTRUCTIONS (continued)

- 4.3. FORMSEAL is supplied ready to apply. Up to 10% FORMSEAL thinners may be added to aid application if necessary.
- 4.4. Exposure to air causes the viscosity of FORMSEAL to increase. FORMSEAL that has thickened before application should not be used. FORMSEAL to be applied should be transferred to a separate container and the storage container immediately resealed.
- 4.5. Two coats of FORMSEAL should be applied by brush, roller or spray. The first coat should be tack free before application of the second coat, minimum 6 hours drying. If more than 12 hours pass between coats the first coat should be scuffed thoroughly before application of the second coat.
- 4.6. The application rate per coat should be about 6-8m²/litre. The application of excessive film thickness *must be avoided* as this may lead to incomplete cure.
- 4.7. Allow drying time of at least 24 hours and preferably longer or until FORMSEAL has cured hard before coating forms with release agent.

5.0 PRECAUTIONS

Working areas must be adequately ventilated with free circulating air. This is necessary for both safety and to ensure complete cure of the coating.

Read and follow handling and safety information on the product label and refer to Safety Data Sheet for handling and safety precautions.

FORMSEAL is flammable. Keep containers sealed and away from heat/sparks/open flames/hot surfaces. Use explosion-proof electrical equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

6.0 PACKAGING

4 & 20-litre containers.



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