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SPECcoat FP

SOLVENT BASED COATING FOR FORMWORK PROTECTION

DESCRIPTION

SpECcoat FP is a two component, solvent based, epoxy coating for formwork protection.

TYPICAL USES

As an impermeable, protective, sealer coat on new plywood and steel formwork.

ADVANTAGES

- Extends useable life of formwork (25 to 30 uses)
- Reduces usage of mould release agent
- Encourages easy striking
- Enhances the surface finish of fair faced concrete
- Protects against rusting and corrosion of new steel formwork

TECHNICAL DATA

Typical results @	20 °C	30 °C
Pot life	4 hrs	2 hrs
Tack free time	6 hrs	3 hrs
Full cure @ 30°C	7 days	

APPLICATION

Surface preparation

Plywood

All plywood formwork should be new and free from loose materials, dust, oil or grease, mould release agents and previous treatments. If indents or scratches are evident on the prepared surface and a fair faced finish is required, then these can be filled using **SpECcoat BC121** epoxy paste.

Use **SpECcoat Cleaning Fluid** on all surfaces to be treated and allow to dry completely. On some surfaces this may take a few hours depending on temperature and humidity.

Steel

All steel formwork should be new and free from

loose or flaking materials, oil or grease and mould release agents. Grit blasting is required to produce a surface exhibiting an SA 2½ finish.

Mixing

SpECcoat FP is supplied in two component pack consisting of a base component and curing agent.

Both the hardener and base components should be briefly stirred. Empty the entire contents of the hardener tin into the base component and mix thoroughly using a slow speed drill fitted with a suitable mixing paddle. Mixing should continue for at least 2-3 minutes and the material appears uniform.

The mixing of part packs should not be attempted.

Application

The mixed product should be applied by either brush or paint roller. The recommended consumption rate is 10m²/litre per coat, using a minimum of two coats. The second coat should be applied within 24 hours of completion of the first coat. Ensure that edges of formwork are also sealed.

EQUIPMENT CLEANING

All equipment may be cleaned of uncured material using **SpECcoat Cleaning Fluid**.

PACKAGING AND YIELD

SpECcoat FP is supplied in the pack sizes given below with the following recommended coverage rate.

SpECcoat FP

4.5 litres and 15 litres

10m²/litre per coat

APPLICATION TEMPERATURE RANGE

Minimum 5 °C
Maximum 35 °C

STORAGE AND SHELF LIFE

When stored in a cool environment, in original unopened containers, the material has a shelf life of 12 months.

HEALTH AND SAFETY

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and all personnel should avoid inhaling the vapours produced. If working is necessary in confined areas it is strongly recommended that sealed respiratory equipment is utilized.

Eye Contact

Rinse with copious amounts of clean water and seek medical attention.

Skin Contact

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

DO NOT USE SOLVENTS

Ingestion

Seek immediate medical attention.

DO NOT INDUCE VOMITING

FLAMMABILITY

SpECcoat FP and **SpECcoat Cleaning Fluid** are flammable. Do not expose to naked flames or other sources of ignition.

FLASHPOINT

SpECcoat FP	>60 °C
SpECcoat Cleaning Fluid	>40 °C

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