

ECODIN WB

Concrete Release Agent Based on Emulsion Technology BCA (C&A) Category 4/5

DESCRIPTION

ECODIN WB is a water borne Concrete Release Agent based on modern rapeseed ester emulsion technology. Supplied ready for use and best applied by spraying techniques. It is completely free from hydrocarbon solvents and is therefore VOC free. This makes it ideal for use in pre-cast factories or confined areas where the solvent vapours of traditional release agents would be a hazard to the work force.

ECODIN WB has been designed to give easy release of formwork and produce high quality surface finishes with all types of concrete in both Pre-cast and In-Situ concrete. It is best suited for use on impervious formwork materials such as MDO, HDO and Phenolic faced plywood panels as well as plastic faced. It should not be used directly on good one side ply or sawn board which are too absorbent, these must first be sealed with a PU sealer such as our Formseal PU.

ADVANTAGES

- Suitable for use on all types of sealed and impervious formwork.
- Water borne , VOC Free.
- A low viscosity liquid which is easily sprayed through fine sprays without clogging.
- Economic coverage rates can be obtained using spray equipment,
- Treated forms should not be used until dry. Treated forms can be exposed to the environment for a number of days without re-treatment .
- Once dry soffit shutters can be walked on safely.
- Provides a quick, positive release of formwork, reducing labour costs and damage to formwork and moulds.
- Greatly reduces the occurrence of blowholes, surface blemishes and staining.
- Ecologically sustainable formulation, that will readily biodegrade by 60% within 28 days therefore meeting EU legislation.

PROPERTIES

Appearance:	White, emulsion type liquid
Specific Gravity:	0.99 @ 20°C
Flash Point:	Not Flammable
Viscosity:	Low
Freezing Point:	0°C
Storage Life:	12 months in sealed drums

APPLICATION

ECODIN WB should be applied as thinly and evenly as possible, and then be allowed to “dry” before casting. Once the water carrier has evaporated which can take 30 minutes to 2 hours depending on current climatic conditions, the active film left behind will be resistant to water wash off.

It can be applied by spray, or absorbent applicator. Any excess should be mopped up. For the best and most economical performance, application by mist spray is recommended. Excellent results can be obtained using a Gloria 410T sprayer with an 8001 or 8002 tip fitted.

Many new forms are not factory treated with oils, so for new formwork panels, pre-treatment is essential with two coats prior to use. This will extend the useful life of the form and help to standardise surface absorbency.

LIMITATIONS

Due to its waterborne nature, ECODIN WB should not be applied if it is raining or if it is about to rain as the product will be washed off as it needs time to dry. It should also not be applied if frost is expected within the drying time or if the surface it is going to be applied to is at 0°C or below.

COVERAGE

25 to 60m²/litre dependent on type of form, porosity, texture of surface and ambient temperature.

STORAGE & HANDLING

Protect from Frost. Containers must be kept sealed after use. The product may require some agitation before use if stored for more than 2 months.

PACKAGING & TRANSPORT

Supplied in 25ltr, 200ltr Plastic Drums. 1000ltr IBCs may also be available.

Not Regulated for Road Transport

HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available on request.

QUALITY ASSURANCE

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