

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.

ADVANTAGES

- Suitable for use on all types of sealed and impervious formwork.
- Water borne , VOC Free.
- 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, will readily biodegrade by 60% within 28 days therefore meeting EU legislation.

PROPERTIES

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| 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 |

COVERAGE

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

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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.

STORAGE & HANDLING

Ecodin WB in manufacturer’s sealed drums requires no special storage facilities. Material should be applied in well ventilated areas. Keep away from naked flames, electrical equipment, foodstuffs and children.

HEALTH & SAFETY

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

PACKAGING & TRANSPORT

Supplied in 1000ltr IBC, 200ltr, 25ltr. Not Regulated for Road Transport.

QUALITY ASSURANCE

Norsekem Limited Products are manufactured under quality assured schemes.

Norsekem Limited products are guaranteed against defective materials and manufacture. Products are sold subject to the Norsekem Limited Terms and Conditions of Sale, copies of which are available on request. Norsekem Limited endeavors to ensure that the above data and any further advice is correct, Norsekem Limited can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.

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