

EDGESEAL PU

A water based, Red tinted, one part PU sealer for all sawn edges of formwork.

DESCRIPTION

Edgeseal PU is a red tinted, penetrative, water based one part polyurethane sealer specifically developed for the concrete industry to seal cut and exposed edges on all types of formwork ply or to treat any holes cut for tie rods etc. It is principally used to extend the life of formwork panels by stopping water absorption and longer term de-lamination along any cut edges. It is capable of being applied to damp timber or timber with high moisture levels, unlike solvent borne systems.

Factory produced boards are generally edge sealed in the production cycle and The Council of Forest Industries (COFI) and Finnish Plywood International, both recommend proper sealing of cut edges in plywood to extend form life and minimise any swelling and edge distortion.

ADVANTAGES

- Greatly extends mould and formwork life by sealing of exposed edges to water absorption and de-lamination.
- Standardises surface absorption therefore vastly reduces the effect of hydration variation staining appearing on the concrete.
- Specifically formulated to comply with recommendations from ply manufacturers so that site or factory engineers can see the coloured edges have been sealed in the correct manner.
- Single pack, water based product for easy application by brush, roller, or airless sprayer. Cleaning of all equipment by water only, no solvents required.
- UV stable and resistant to formwork chemical release agents, mould oils, retarders and alkali cement.
- Can be applied successfully to damp timber.
- Will not impair the bond of paints, plasters, coatings, etc when used with the correct type of release system.

PROPERTIES

Appearance:	Brick red liquid of a brushing consistency
Flash Point:	Not applicable
Freezing Point:	0°C
Storage Life:	1 Year stored above 5°C

COVERAGE

6-10m² per litre, but is very dependant on surface porosity and profile.

APPLICATION

Surfaces to be treated should be clean, previously untreated with paints, oils etc. Surface moisture levels should be kept to a minimum, however, Edgeseal PU has very good dewatering properties, but if in doubt conduct a trial patch to test satisfactory cure and adhesion.

Application should **not** be carried at temperatures below 5°C or where the temperature will fall below this before the coating as dried sufficiently.

Edgeseal PU is supplied ready for use , DO NOT DILUTE.

Normally only one coat is all that is required to ensure water repellency, this should be applied liberally but evenly to the areas requiring treating.

All tools and equipment can be cleaned with clean water.

Treated forms need protection from rain, temperatures below 5°C and dust for a number of hours after treatment.

Forms can be used after 24 hours drying.

STORAGE AND HANDLING

Protect from temperatures below 5°C

Store in accordance with Health and Safety regulations for water borne emulsions.

Keep containers sealed when not in use. If a surface skin has formed , remove skin and use as normal.

PACKAGING & TRANSPORT

Edgeseal PU is supplied in 5ltr plastic screw top drums.

Not Regulated for Road Transport

HEALTH & SAFETY

Edgeseal PU is very safe to use being water based, Non-toxic and Non flammable.

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

QUALITY ASSURANCE

Direct Chemicals is a firm of assessed capability. The Company's quality system conforms to BS EN ISO 9001:2000 and is assessed by QMS International PLC. Products are manufactured under quality assured schemes

Direct Chemical products are guaranteed against defective materials and manufacture. Products are sold subject to the Direct Chemical Terms and Conditions of Sale, copies of which are available on request. Direct Chemicals endeavours to ensure that the above data and any further advice is correct, however Direct Chemicals 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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