

Delayed mould-release agent vegetable emulsion

PRODUCT

weberad ecodem specially formulated mould release agent designed for use on all types of steel and impervious formwork material to give an excellent release and aesthetic finish. This product is formulated as an emulsion from vegetable components.

PROPERTIES

- Facilitates easy formwork release.
- Low viscosity for easy application
- Low risk of skin damage
- Readily biodegradable
- Easy application by spray, brush or swab.
- Forms may be stripped early when other factors permit.
- Non-staining, suitable for use with colored, white or standard OPC
- Produces high quality surface finish
- Minimizes form cleaning to extend formwork life
- Cost effective compared to oil based mold release agents
- Environmentally friendly product with low VOC content
- Odor free

SCOPE OF USE

weberad ecodem is recommended for all areas of use of concrete in the ready-mix, precast & manufactured concrete products industry:

- **weberad ecodem** is unaffected by rain or frost and may be applied either immediately before casting or treated forms may be left for several days before concreting.
- The reproduction of difficult features is readily achieved.
- Compatible with most types of formers, i.e. wood, metal, concrete and composites.
- Metal and timber forms are temporarily protected from the weather.
- Incidence of blow holes and surface crazing are substantially reduced.
- Concrete cast with weber.ad ecodem requires no further treatment other than a light brushing prior to the application of plasters, adhesives, mortars, surface coatings and penetrating systems such as silane.
- Ideal for use in confined spaces or in precast and industrial operations where prestressed or heated systems are involved.

CHARACTERISTICS

Appearance	Liquid (Whitish)
Chloride content	Nil-BS5075/EN934-2
Density at 25°C	<1.00
Flash Point	>100°C

Biodegradability	>80% at 28 days as per NF EN ISO 9408-OCDE 301F
VOC	No VOC

STANDARDS

NF EN ISO 9408
ASTM C1582

INSTRUCTIONS FOR USE

Before application mould release agent, the moulds should be dry and clean, concrete residues must be removed.

weberad ecodem is ready to use, it doesn't not require continuous stirring, but it is recommended to shake before using it.

After preparation of formwork and any necessary sealing, apply thinly, by spray, brush, roller brush or swab prior to each concrete pour, and as near to time of placement of concrete as practical conditions permit but allowing a minimum of 1 hour for the excess water to evaporate off and the release film to be properly established.

On vertical forms any excess material accumulating at the bottom of the form should be removed.

Care should therefore be taken to ensure that **weberad ecodem** is applied as recommended, as this will achieve optimum performance and maximum economy.

Protect from precipitation when still wet

COVERAGE

A thin coating to give a coverage rate of 30 to 50m² per litre depending upon surface porosity and texture.

EQUIPMENT

Spraying pressure : 4bars

PACKAGING

weberad ecodem is supplied in 20 liters pails, 200 liter drums and 1000 liters totes.

STORAGE

weberad ecodem can be stored up to 6 month from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures.

HEALTH & SAFETY

In case of frost, the product recovers its properties after progressive thawing and homogenizing by agitation.

In case of contact with skin or eyes, rinse thoroughly with

water. If irritation persists, seek medical attention.
If swallowed, do not induce vomiting and seek medical attention.

QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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