



## BIODEM<sup>®</sup> HQE

### DELAYED FORM REMOVAL AGENT EMULSION OF VEGETABLE OIL IN AQUEOUS PHASE

Updated on : 8 november 2017

#### Properties

BIODEM<sup>®</sup> HQE is a product for delayed form removal from concrete. It takes the form of an emulsion of vegetable oils in water. BIODEM<sup>®</sup> HQE will not harm users' health or the environment.

BIODEM<sup>®</sup> HQE has the following advantages:

- Excellent surface quality of the concrete, uniform colour and glazed appearance,
- Readily biodegradable,
- Classified non-dangerous, the product is solvent-free, so non-flammable and odourless,
- Its white colour makes it easy to check the uniformity of application and its presence on all parts of the shuttering. This white colour disappears shortly after its application on the formwork, leaving a film that is oily to the touch,
- No risk of stains, can be used on white and coloured concretes.

Its use allows the subsequent application, consistent with good practice, of paints, coatings, glue-cement.

BIODEM<sup>®</sup> HQE can be applied to metallic, Bakelite-impregnated plywood, treated wood shuttering and reusable elastic form.

#### Domains of application

- Sites,
- Precasting,
- Curing up to 60°C,
- Architectonic, white, coloured concretes.
- Use at temperatures between 0 and +35°C.

#### Characteristics

Form: liquid.

Colour: white to yellow.

Density at 20°C: 0,96 ± 0,03.

Viscosity : 57 ± 7 cst at 20°C.

#### Use

Application on clean surfaces with a rag and by MESTO pressure sprayer at 4 bar minimum, with a hollow cone nozzle types 1302/1301 circular jet. He sprayed film must be uniform, free of both holidays and excess thicknesses.

On non-absorbent surfaces, wipe off the excess using a squeegee or a cloth to produce an optimum finish. Always

avoid surpluses, detrimental both to the finished appearance and to the adherence of any subsequent surfacing. Get in touch with us for use on an elastomer, polyurethane, or polystyrene substrate.

Clean the formwork after each stripping.

Associated surfacings: at least 15 days (20°C) on substrates compliant with DTU 26.1.

Using BIODEM<sup>®</sup> HQE to protect shuttering and site equipment is not recommended.

#### Proportion

Covering power:

1 litre for 50m<sup>2</sup>, depending on the porosity of the substrate and the manner of application.

#### Safety

No dangerous. Refer to the safety data sheet.

#### Storage

6 months in original packaging, away from frost (<0°C) and high heat.

#### Packaging

LBC : 1000 LT, Drum: 215l, Jerrycan: 30l.



*The data sheets are written in French. The English version is provided for informational purposes. In case of conflict, only the French version shall prevail between the parties.*