

TECHNICAL DATA SHEET

ECORATIO BETOPRO 570

Environmentally Friendly Waterbased Release Agent

DESCRIPTION

Betopro 570 (RB 10.60), manufactured by Ecoratio in The Netherlands, is a world leading environmentally friendly waterbased release agent that produces an excellent surface finish on precast concrete structures and components. Betopro 570 is designed so that it can be used on steel, timber, concrete and plastic moulds. This product is very popular with precast plants and can handle heated mould temperatures up to 80°C. It is an easy-to-apply and ready to use emulsion that is solvent free, low odour, readily biodegradable and non-flammable. Betopro 570 creates a uniformly bright concrete surface, conforming to the fair-faced concrete standard.





SPECIAL PROPERTIES

- Easy to apply, ready to use.
- Solvent free
- Low odour
- Non-Flammable
- Incorporates corrosion inhibitors.
- Can be used on heated moulds up to 80°C
- Has potable water certification.

PRODUCT BENEFITS

- Suitable for steel, timber, concrete & plastic moulds.
- Can be used on high temp moulds.
- Produces very clean bright panels.
- Enables clean and easy removal from the mould.
- Very easy to apply – spray once and no need to wipe.
- Very good adhesion to both horizontal and vertical moulds.
- Saves labour as less manhours required compared to oil-based release agents.
- Low odour so does not overpower applicators.
- Does not cause skin irritation like some oil-based products.
- Has potable water certification so can be used in manufacture of water tanks.
- Non-hazardous to health & the environment

USES

- As a release agent for precast concrete panels
- As a release agent for precast bridge T's.
- As a release agent for precast tunnel segments.
- As a release agent for concrete railway sleepers.
- As a release agent for concrete tanks.
- Ideal for the manufacture of architectural precast panels and road barriers.

PACKAGING AND SIZE

Betopro 570 (RB 10.60) is available in 20 litre containers, 200 litre drums and 1000 litre IBC's.

APPLICATION PROCEDURE

Betopro 570 is a ready-to-use emulsion; it should not be mixed with other products.

Spray the release agent thinly and evenly (in regular strips) onto the dry, cleaned mould.

We recommend a Gloria stainless steel hand sprayer (505T) equipped with a TG 1.0 full-cone nozzle. Set the working pressure to 3 to 4 bar.

Betopro 570 is very well-suited to automatic spraying systems. Please contact one of our technical team to define the settings of your specific system. Fine white droplets form as a result of applying the release agent to the mould. No subsequent wiping is required.

NOTE: Do NOT start pouring concrete until the white droplets have disappeared completely and a transparent release agent film has formed on the surface.

QUANTITY USAGE

Application rates will vary depending on composition and porosity of the mould material. For steel moulds the coverage is approx 30-40m² per litre.

HEALTH AND SAFETY

Betopro 570 (RB 10.60) is non-hazardous to health & the environment.

If product gets in eyes or mouth, wash out with clean water and obtain medical attention if concerned.

For further information read the Material Safety Data sheet.

TECHNICAL DATA

BASES:	Vegetable oil derivatives emulsified in water
COLOUR:	Milk-white
CONDITION:	Liquid, ready to use
SPECIFIC GRAVITY:	974 grams/litre (at 15°C)
FLASH POINT:	NA
TOXICITY:	Non- Toxic
PROCESSING TEMP:	>0°C
SHELF LIFE:	At least 12 months after production

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our **Technical Sales Team: +64 4 568 5401**