TECHFIN HP SHUTTER-RELEASE

High Performance Environmentally Friendly Shutter & Mould Release Agent

Techfin HP Shutter-Release is a specifically formulated blend of mineral oils and chemicals having release properties which are superior to those of conventional mould oil.

The chemicals react with the alkali in the concrete to form a thin water repellent skin on the surface of the mould, thereby enabling easy stripping from concrete and acting as a protection layer to steel, aluminium, and wooden formwork.

UNIQUE PRODUCT BENEFITS

- Very economical
- Higher coverage and low viscosity compared to other oils
- Single coat application
- Ensures easy release, good fair-faced concrete with reduced blow-holes
- Minimises surface blemishes and staining
- May be used on concrete produced with White Portland Cement.
- Can be used on all types of formwork including wood, aluminium and steel
- Minimises cleaning of shutters before re-use
- Concrete cast has a smooth, hard, uniform and light coloured finish

APPLICATIONS:

Techfin HP Shutter-Release provides the critical barrier between shutter / mould and cementitious media facilitating easy separation without stains and reduced blow holes.

TECHNICAL DETAILS

Colour	Clear
Density	0.8 g / cm^3 (25°C)
Coverage	20 - 60 m^2
Shelf-Life	12 months
Service Temperature	Suitable for use with steam cured concrete
Formwork Surfaces	Equally effective on wood and metal moulds and shutters
Non-Staining	Does not stain concrete and can also be used safely with white cement
Concrete Surface Quality	Allows for good air release from the face during pour and vibration of concrete

PACKAGING

Techfin HP Shutter-Release is supplied in 5 L, 25 L and 200 L drums.

DIRECTIONS

No preparation is required if extensive reuse of timber shutters are anticipated, it is advised to protect all new surfaces. ***Techfin HP Shutter-Release*** protects surfaces from alkali attack and a short life-span of timber shutters. For used shutters all traces of cement must be removed with any traces of old oils.

Coating

Techfin HP Shutter-Release can be applied by brush, sponge, or conventional mould-oil sprayer with the correct nozzle size. Stir containers before use. Apply one coat of ***Techfin HP Shutter-Release*** thinly and evenly over the entire surface. Only the thinnest coating is necessary to achieve effective coverage. Excess application must be

avoided and may lead to surface dusting.

Wipe or brush off any particles that may remain on the surface and apply one coat as previously. To completely remove the product, use ***Liquid Action*** (supplied by Technical Finishes) with a stiff brush followed by thorough rinsing with water.

PRECAUTIONS

Techfin HP Shutter- Release may be left in spray guns or sprayers without detriment but with certain types there may be some softening of the rubber seals with prolonged contact. When necessary, clean the spray gun with ***Liquid Action*** and rinse thoroughly.

HEALTH AND SAFETY

Wear gloves, goggles and overalls. Remove from skin with soapy water. No smoking during use.

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHSA No.85 of 1993. This system is non-hazardous to health and environment.

WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.