

Technical Data Sheet

StoDivers SMT

Solvent-based chemical mould release agent



Characteristics

- Area of application**
- To provide clean and easy stripping of moulds and formwork to ensure fair-faced and stain-free concrete
 - Precast applications
 - Cast in-situ applications

- Properties**
- Economical
 - Ensures good fair-faced concrete
 - Non-staining
 - Can be used on all types of formwork
 - Minimises cleaning of shutters before re-use
 - Inhibit rusting of steel moulds or equipment

- Application method**
- Apply by brush or conventional sprayer

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Criteria	Standard / test specification	Value / Unit	Notes
Density @ 25°C		0.83 g/cm ³	
Flashpoint		> 60°C	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Application

- Substrate Preparation**
- Preparation Of New Moulds
No special treatment is necessary other than removal of rust or oil.
- Preparation Of Used Moulds
All traces of any old concrete, previous oil deposit and deleterious material must be removed prior to use.
Moulds previously used with StoDivers SMT will only require brushing as the presence of fine dust will improve absorption of StoDivers SMT into the mould surface. This will usually result in improved release properties on the second and subsequent use of the mould.

- Coating Procedure**
- StoDivers SMT may be applied by brush or a conventional sprayer.
If a sprayer is used, it is important that a fine nozzle is fitted as StoDivers SMT should be applied in a continuous film.
If StoDivers SMT is over applied, excess material should be allowed to drain and then carefully removed from the bottom of the mould by means of a sponge or a cloth. Pools of StoDivers SMT should not be allowed to dry, otherwise surface retardation of the concrete may occur.

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Coating Procedure (continued)	It is important that prior to each use of the mould that all areas are recoated. Particular attention should be paid to coating mould rims in order to avoid adhesion of cement slurry overspill.
Consumption	The coverage rate of StoDivers SMT is dependent upon the porosity of the mould material but is normally 20 – 55 m ² /litre.
Application Temperature	Minimum application temperature + 8 °C Maximum application temperature + 45 °C
Cleaning Tools	Tools must be cleaned immediately after use with thinner.
Delivery	
Colour	Light Brown
Packing	StoDivers SMT is available in 25 litre StoDivers SMT is available in 210 litre
Storage	
Storage life / conditions	The shelf life of StoDivers SMT is approximately 12 months if stored in cool dry conditions.
Special notes	
Health & Safety	Please refer to Safety Data Sheet
Technical Support	Please consult the local sales office for further information and any site assistance required.

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.

Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on www.sto-sea.com.

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*Product images may differ from the actual product.