

# Technical Data Sheet

## StoDivers WMT

Water-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

- Properties**
- Economical
  - Ensures good fair-faced concrete
  - Non-staining
  - Non-hazardous and non-toxic
  - Minimises cleaning of shutters before re-use

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

### Technical Data

Criteria	Standard / test specification	Value / Unit	Notes
Density @ 25 °C	DIN 53217	0.97 g/cm <sup>3</sup>	

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 although wetting out may be improved by lightly abrading the surface.
- 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 WMT will only require brushing as the presence of fine dust will improve absorption of StoDivers WMT into the mould surface. This will usually result in improved release properties on the second and subsequent use of the mould.

- Coating Procedure**
- StoDivers WMT 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 WMT should be applied in a continuous film.  
 If StoDivers WMT 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 WMT should not be allowed to dry, otherwise surface retardation of the concrete may occur.  
 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.

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<b>Drying Time</b>	Freshly applied StoDivers WMT is easily removed and should therefore remain undisturbed until dry. Drying time varies between 15 - 90 minutes depending on the humidity and exact temperature. Protection from heavy rainfall subsequent to application is strongly recommended. When dry, StoDivers WMT is sufficiently durable to withstand foot traffic i.e. for the fitting of reinforcement. However, it is important that such access be limited in order to minimise contamination or abrasion of the applied StoDivers WMT film.
<b>Consumption</b>	The coverage rate of StoDivers WMT is dependent upon the porosity of the mould material but is normally 20 – 60 m <sup>2</sup> /litre.
<b>Application Temperature</b>	Minimum application temperature + 8 °C Maximum application temperature + 45 °C
<b>Cleaning Tools</b>	Tools should be cleaned immediately after use with clean water.
<b>Delivery</b>	
<b>Colour</b>	White
<b>Packing</b>	StoDivers WMT is available in 25 litre, 210 litre
<b>Storage</b>	
<b>Storage life / conditions</b>	The shelf life of StoDivers WMT is approximately 12 months if stored in cool dry conditions.
<b>Special notes</b>	
<b>Health &amp; Safety</b>	Please refer to Safety Data Sheet
<b>Technical Support</b>	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](http://www.sto-sea.com).

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\*Product images may differ from the actual product.