

Technical Data Sheet

StoDivers WMT

Water-based chemical mould release agent



Characteristics

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

Application Apply by brush or conventional sprayer

Area of Use

- To provide clean and easy stripping of moulds and formwork to ensure fair-faced and stain-free concrete
- Precast applications

Technical Data

Data	Criteria	Test Standard	Value	Unit
	Density @ 25 °C	DIN 53217	0.97	g/cm ³

The values stated are average values. Due to the use of natural raw materials in our products, the actual value determined on an individual delivery may deviate slightly without compromising product suitability.

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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Application	
Drying Time	<p>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.</p> <p>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.</p>
Consumption	The coverage rate of StoDivers WMT is dependent upon the porosity of the mould material but is normally 20 – 60 m ² /litre.
Application Temperature	<p>Minimum application temperature + 8 °C</p> <p>Maximum application temperature + 45 °C</p>
Cleaning Tools	Tools should be cleaned immediately after use with clean water.
Delivery	
Colour	White
Packing	<p>StoDivers WMT is available in 25 litre</p> <p>StoDivers WMT is available in 210 litre</p>
Storage	
Storage life / conditions	The shelf life of StoDivers WMT is approximately 12 months if stored in cool dry conditions.
Special Notes	
Safety Precautions	<p>StoDivers WMT is non-flammable and non-toxic. Avoid prolonged skin and eye contact by wearing suitable protective gear at all time.</p> <p>In case of accidental eye contamination, rinse thoroughly with plenty of clean running water. If irritation persists, obtain medical attention. Inhalation of spray should also be avoided.</p>
Technical Support	Please consult Sto Technical Service Department or the local sales office for further information and any site assistance required.
Disclaimer	<p>Sto Products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions. Whilst efforts are made to ensure that any advice, recommendation, specification or information Sto SEA may give is accurate and correct, it cannot accept any liability either directly or indirectly arising from the use of its products as it has no direct or continuous control over where or how the products are applied, whether or not in accordance with any advice, specifications, recommendation or information given by it.</p> <p>If any product fails to conform, Sto SEA will replace the product at no cost to the buyer. Replacement of any products shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.</p> <p>Any warranty claim must be made within six months from the date of the claimed breach. Buyers shall be solely responsible for determining the suitability of products for their intended use.</p>

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