



MANORTEQ

Completing the Waterproofing

Curing Agent

TECHNICAL DATA SHEET

Manorteq Curing Agent is a curing aid, designed specifically to reduce losses of water in fresh concrete and mortars, especially where they are treated with Xypex Crystalline technology.

Description

Manorteq Curing Agent is a curing aid specifically developed to retain moisture in newly laid or repaired areas of concrete, mortars and coatings, which aids the curing of the substrate.

In newly placed concrete or mortars, an application of Manorteq Curing Agent not only reduces the loss of free water, it also improves the hardening of the surface, as well as reducing its absorbency.

In areas where Xypex has been used, whether as a coating, repair or admixture, Manorteq Curing Agent encourages an environment that benefits the growth of the Xypex crystalline structure. In applications where Xypex Technical Data Sheet specifies the need for daily mist curing with clean water, an application of Manorteq Curing Agent eliminates the need for this process.

Use

- Applications where water curing of Xypex treatments is not possible.
- Hot, dry, windy conditions.





Benefits

- Significantly reduces loss of batch water in freshly placed concrete.
- Aids with the hardening of the surface of the freshly placed concrete.
- Retains moisture within areas repaired with Xypex, removing the need to mist cure.
- Creates an environment that benefits the growth of the Xypex crystalline structure.
- Creates a film that is resistant to water and alkaline environments.
- Applied by spray, roller, or brush.
- Supplied ready for application; no additional dilution is needed.

Physical and mechanical parameters

Colour of material	Milky white
Colour of material post application	Transparent
Density (g/cm ³)	1.02 ± 0.04 g/cm ³
Content of water-soluble chlorides (%)	< 0.01
Drying time - not tacky	up to 2 hours

Installation

Substrate

Manorteq Curing Agent is applied to surfaces that have been newly laid. The treated surface should be damp, but have no standing water on it. All dirt, dust, residues of debonding agents and the like must be fully removed prior to application of the Manorteq Curing Agent.

Preparation

Shake well before use to ensure any sediment within the container is fully mixed in. Manorteq Curing Agent is ready to use directly from the packaging. DO NOT DILUTE. Neither the temperature of the substrate, nor the ambient air temperature should be below + 5 °C, or above + 30 °C during application.

Application

Manorteq Curing Agent is typically applied using sprayers. Brushes and rollers can also be used to apply the product. Brushes are commonly used for complex or small areas. The product is usually applied in several layers to ensure a coverage rate of 120 - 150 ml/m². All tools and equipment are to be thoroughly cleaned with water immediately after completion of the work.





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Consumption

For substrates which have a typical rate of absorbency, consumption is between 120 to 150 ml/m².

Packaging and storage

The product is supplied in PE containers with a net content of 10 litres. The product must be protected against frost. Shelf life is 12 months from date of manufacture for product in unopened or undamaged packaging.

Handling and Health & Safety

Always wear full personal protective equipment (PPE) when handling and applying the product. The manufacturer maintains comprehensive and up-to-date Safety Data Sheets on all its products. Each sheet contains health and safety information for the protection of workers and customers. The Manufacturer recommends you contact Manorteq Ltd or your local Manorteq representative to obtain the latest copies of Safety Data Sheets which must be read prior to product storage or use.

Waste disposal

Dispose of at a licensed waste facility accepting product of this nature. Dispose of all materials in accordance with local regulations/registration.

Warranty

Manorteq Limited (Company No. 13817118) warrants to the purchaser that the products supplied by it shall be free from material defect. Should any of the products be proven defective, the liability to Manorteq Limited shall be limited to (at the choice of Manorteq Limited) either replacement of the proven defective products ex-factory, or refund of the NETT ex-factory purchase price at the date the proven defective products were supplied. Manorteq Limited will not be liable or responsible, to such an extent as permitted by law, for any consequential or direct damages, compensation, costs, expenses, losses, or other liabilities that may occur as a result of the defective products. Manorteq Limited makes no warranty as to the merchantability or fitness for a particular purpose and the terms of this warranty are in lieu of all other warranties expressed or implied by law.

Please note: This Technical Data Sheet is for general guidance only. It does not constitute as a detailed guide for a specific application. Due to the unique circumstances of every site, each installation must be assessed on a project-by-project basis as there may be many variables to consider. Independent professional advice should be sought on each installation. The information contained within this Technical Data Sheet is to the best of Manorteq Limited's knowledge and belief, accurate and reliable of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability, or completeness.

