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MasterRoc® MP 355 1K DW

(Formerly known as Meyco® MP 355 1K DW)

One Component Injection Foam to Stop Small To Mid-Volume Water Ingress, With A Potable Water Certificate

Product Description

MasterRoc® MP 355 1K DW is a solvent free, single component polyurethane foam which reacts only in contact with humidity or water, and is certified for contact with potable water (DW: Drinking Water).

Fields of Application

- Stopping of small to mid-volume water ingress in underground structures
- Also suitable for filling of water bearing voids

Features and benefits

- Reacts in moist surroundings
- Good bonding to wet surfaces
- Forms a flexible foam

Accelerator for MasterRoc® MP 355 1K

Density, 20°C 1.10 g/cm³
 Viscosity, 23°C 70 mPa.s
 Color Clear to yellowish

Application Procedure

1. Add the accelerator to **MasterRoc® MP 355 1K DW** (up to 10%, depending on the required

reaction time), mix quickly and thoroughly.

2. Inject the mixture through a single component injection pump. The moisture/water in the ground will generate a foaming reaction. In the case of dry ground, flush the borehole with water before injecting.

Reaction Time

The reaction time depends on the ground and product temperature, as well as the accelerator dosage (see Table 1). Site trials should be performed in advance to establish the required reaction time.

Table 1:

Reaction Times with 10% water and 10% accelerator

Initial Temperature (°C)	5	10	15	20
Start of reaction (sec)	130	65	30	15
End of reaction (sec)	350	250	120	60
Foam expansion rate (approximately)	20	25	25	30

Packaging

MasterRoc® MP 355 1K DW: 25 kg cans
Accelerator for MasterRoc® MP 355 1K DW:

Technical Data

Density, 20°C	1.16 g/cm ³
Viscosity, 23°C	700 mPa.s
Color	Yellowish
Application Temperature	+5°C to 40°C
Maximum Foam Expansion Rate At 10% Accelerator Dosage	20-30



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2.5 kg cans

Cleaning of injection equipment

During short breaks in the injection procedure, the pump and hoses should be filled with non-accelerated resin to avoid blockages. After finishing the injection, pump an appropriate agent or oil which does not contain water through the pump and injection lines.

Storage

MasterRoc[®] MP 355 1K DW must be stored in airtight containers in a cool, dry place. If stored in original containers under the above mentioned conditions, it has a shelf life of 12 months. The product must be prevented from freezing.

Safety Precautions

MasterRoc[®] MP 355 1K DW is not hazardous. However follow standard safety procedures when handling the product and wear gloves and safety glasses.

Avoid eye and skin contact. If skin contact occurs, wash with plenty of water and soap. In case of eye contact rinse with plenty of water and seek medical advice. For further information refer to Material Safety Data Sheet.

Uncured products should be prevented from entering local drainage systems and water courses. Spillage must be collected using absorbent materials such as sawdust and sand, and disposed of in accordance with local regulations.

Disclaimer

The technical information given in this publication is based on the present state of our best scientific

and practical knowledge. **BASF Türk Kimya San. ve Tic. A.Ş.** is only responsible for the quality of the product. **BASF Türk Kimya San. ve Tic. A.Ş.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones (01/2015).