

PRODUCT DATA SHEET

SikaInject® 155 IN

One component polyurethane injection foam to stop small to mid-volume water ingress (Formerly known as MasterRoc® MP 355 1K)

DESCRIPTION

SikaInject® 155 IN is a solvent free, one component polyurethane foam which reacts only in contact with humidity or water.

USES

SikaInject® 155 IN may only be used by experienced professionals.

- Stopping of small to mid-volume water ingress in under-ground structures
- Filling of water bearing voids

CHARACTERISTICS / ADVANTAGES

- Reacts in moist surroundings
- Good bonding to wet surfaces

PRODUCT INFORMATION

Packaging	SikaInject® 155 IN: 25 kg cans SikaInject® 155 IN Accelerator: 2.5 kg cans	
Shelf life	24 months from the date of production	
Storage conditions	If stored in dry conditions in unopened, tightly closed original containers and within a temperature range of +5°C and +35°C, the components of SikaInject® 155 IN have a shelf life of 24 months	
Colour	SikaInject® 155 IN Brown	SikaInject® 155 IN Accelerator Clear to yellowish
Density	At 20°C SikaInject® 155 IN 1.16 g/cm ³	SikaInject® 155 IN Accelerator 0.98 g/cm ³
Viscosity	At 23°C SikaInject® 155 IN 320 mPa.s	SikaInject® 155 IN Accelerator 320 mPa.s

TECHNICAL INFORMATION

APPLICATION INFORMATION

Reaction time

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

Reaction Times with 10% water and 10% accelerator

Initial Temperature (°C)	5	10	15	20
Start of reaction (sec)	120	60	25	10
End of reaction (sec)	300	200	110	50
Foam expansion rate (approximately)	25	25	25	30

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION

- Add the accelerator to SikalInject® 155 IN (up to 10%, depending on the required reaction time), mix quickly and thoroughly.
- Inject the mixture through a single component injection pump. The moisture / water in the ground will generate a foaming reaction.
- In case of dry ground, flush the borehole with water before injecting.

CLEANING OF TOOLS

For short breaks in the injection procedure, pump Part A through the in-line static mixer nozzle. After the injection process, pump an appropriate cleaning and maintenance agent from our range or oil containing no water, through the pump and injection hoses until SikalInject® 155 IN is completely washed out. Store the pump and hoses with the cleaning agent inside and seal all openings.

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LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local



Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Product Data Sheet

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