



MC-Injekt 2133 flex

Expansion resin for sealing cracks

EXPERTISE
INJECTION



MC-Injekt 2133 flex

Keeps water out

Water will always penetrate cracks and gaps in structures, giving rise to sometimes serious dampness. For a permanent injection seal to prevent such problems, you need look no further than MC Injekt 2133 flex. With this high-performance expansion resin you can manufacture a durable, flexible seal in water-filled cracks and gaps in a single injection.

True one-component system

MC-Injekt 2133 flex is a single-component product system. The resin reacts with the water present in the structure to create a high-performing foam elastomer with a closed cellular structure.

Dynamic

Highly hydrophobic, the resin readily glides on the water film into cracks of 0.3 mm or wider. In the process, the resin's dynamic viscosity decreases by around 70 %.

During product injection into cracks or gaps, some of the water present becomes mixed with the resin due to turbulent flow phenomena. The foaming reaction commences after a brief initial period.

Elasticity and compressibility

The densely packed, closed pores give rise to exceptional elasticity and compressibility in the foam.

First water, then resin

The presence of water as an initiator is essential for this special resin to be able to perform to its full potential. Any dry portions of the structure or component will therefore need to be injected with water in advance of resin application.

Self-acting penetration

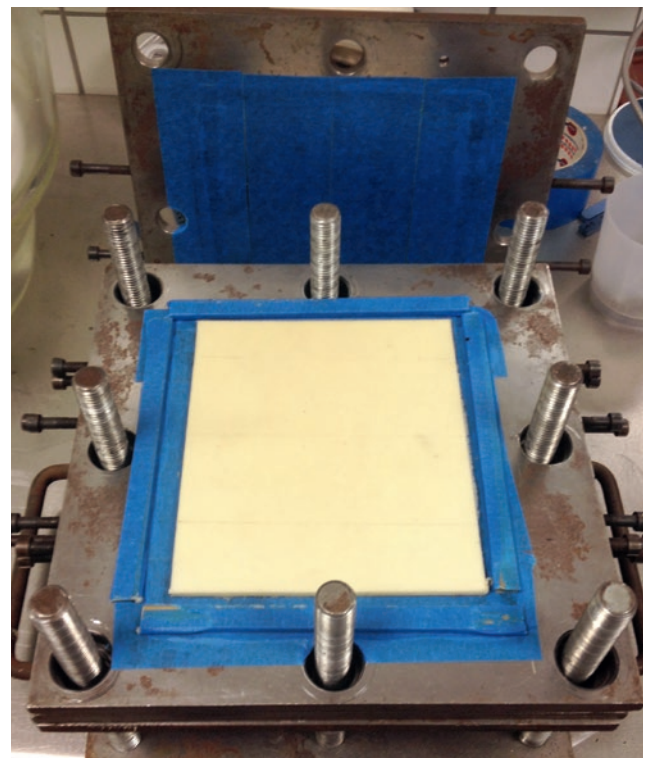
During the reaction with water, a multi-cell, closed-pore foam structure is formed. The increase in volume ensures that the resin penetrates right down to the base of the crack.

Self-compacting

The natural compression caused by the reaction of MC-Injekt 2133 flex ensures that the cell structure becomes suitably compacted, turning the resin mass in the confined space into a compressed seal.

Environmentally sound

MC-Injekt 2133 flex is manufactured using environmentally-friendly raw materials.



Determination of degree of compaction



Your benefits:

- User-friendly
- High flexibility
- Self-compacting
- Durable
- Stable
- Environmentally sound

MC-Injekt 2133 flex

Expansion resin for sealing cracks

- Single-component system
- Dense, closed-cell structure
- Permanently flexible with high resilience
- Environmentally sound

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