



MC-Injekt 1264 compact

The deeply penetrating power-pack

EXPERTISE
INJECTION



MC-Injekt 1264 compact

Force transmitting sealing and durable repairs

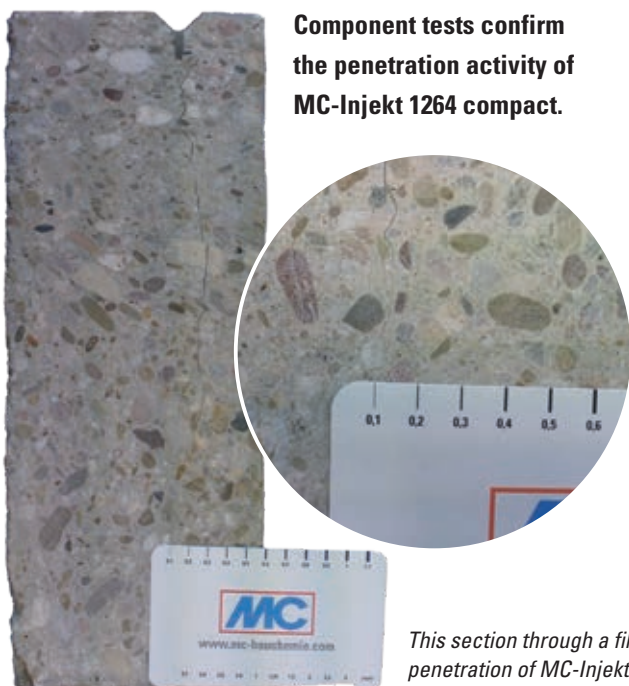
MC-Injekt 1264 compact offers you innovative benefits for the filling of cracks. Thanks to a reduction in its specific surface tension, it is able to penetrate more deeply and thus provide effective sealing and support. Its good moisture compatibility also significantly widens the field of applications of this duromer resin.

Deep penetration thanks to reduced surface tension

Special additives that serve to reduce the surface tension make MC-Injekt 1264 compact substantially more easy-flowing than standard resins of the same viscosity. This advantage becomes particularly noticeable in the flow table test. The resin wets virtually 100% more surface area than any comparable product with a similar viscosity without reduced surface tension.

Surface tension comparison (at 20 °C)

MC-Injekt 1264 compact	24.04 mN/m
Comparable product of same viscosity	38.97 mN/m



Component tests confirm the penetration activity of MC-Injekt 1264 compact.

This section through a filled component clearly shows the depth of penetration of MC-Injekt 1264 compact in even the finest hairline cracks

Strengthening of concrete and reinforced concrete components subject to tensile and compressive loads

Rigid adhesion to the crack flanks with MC-Injekt 1264 compact strengthens the weakest concrete sections, increasing the component's load-bearing capacity (see diagram right).

Successful injection

MC-Injekt 1264 compact is ideally applied with 1-component injection pumps such as the MC-I 510. The outstanding properties of the resin mean that the penetration (pressureless filling) can also be applied as an alternative method for achieving an optimum crack fill. The resin can also be injected conveniently with the 2-component MC-Fastpack Power-Tool injection device.

Your benefits

■ High penetration activity

Reduction of specific surface tension results in optimum crack filling performance.

■ Moisture compatibility

MC-Injekt 1264 compact can be injected into damp cracks.

■ Fast curing

Even under dynamic loading MC-Injekt 1264 compact cures force transmitting.

■ High tensile and compressive strength

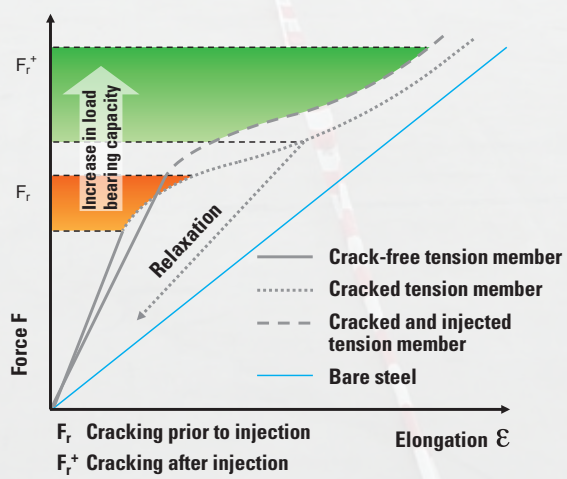
The high tensile and compressive strength of this product ensure the best possible adhesion to the crack flanks combined with optimum load transfer.

■ Performance features compliant with applicable standards

The performance features of the resin meet the requirements of EN1504-5 as well as national standards governing the injection of concrete.



Load capacity increase of an injected tension member



MC-Injekt 1264 compact

The deeply penetrating power-pack

- High penetration activity
- Rapid strengthening
- Moisture compatibility
- Curing even under dynamic loading
- High tensile and compressive strength

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