

MUREXIN

Concrete repair systems

System structure | Products

Mortar technology



It lasts.



1



Reinforcement protection BS 7

single-component, cementitious
Corrosion protection for reinforcing steel

- easy to process
- no quartz sand scattering required
- fast paint-over ability

3



Renovation mortar SM 20

Cement-bound, statically relevant repair mortar (R4) for vertical and overhead application. Machine-processable up to 50 mm in one operation.

- high freeze-thaw resistance
- hand and machine processable
- low shrinkage - crack-free curing

2



Adhesive slurry HS 1

Cement-bound, plastic-modified bonding bridge for subsequent repair mortar.

- can also be used as reinforcement protection
- strong bonding to the substrate

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Reprofiling mortar RM 04

Cement-bound, statically relevant repair mortar (R4) for horizontal application (e.g. bridge structures, industrial floors) in layer thicknesses of up to 50 mm in a single operation.

- high freeze-thaw resistance
- low shrinkage - can be used as a tamping mortar
- hand and machine processable

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Concrete repair system

Maintenance and repair of concrete structures

Concrete structures are subjected to continuous stresses due to exposure to concrete-damaging media, such as thawing agents, waste water, etc., as well as to static and dynamic loads and changes in use. **MUREXIN** has the solution for the preventive protection and repair of concrete structures. Damaged concrete requires appropriate repair measures to ensure continued stability and suitability for use. Structural reinforcements may also require the use of repair systems.

High-quality **MUREXIN** mortar and surface protection systems, with their state-of-the-art formulations, enable structurally effective repairs or additions to concrete structures, as well as optimal protection against the penetration of damage-causing media.

Systems for the maintenance and repair of concrete structures must meet the requirements of the relevant sections of EN 1504.



Grouting mortar **VM 40**

Cement-bound, flowable mortar for precision grouting and for the statically relevant repair of concrete structures (R4), e.g. supports and columns using the casting process



Fine filler **FS 4**

Cement-bound surface filler of class R2 with high freeze-thaw resistance

- high-level adhesion to the substrate
- high freeze-thaw resistance
- excellent processing properties



Concrete hydrophobization **H 2**

Silane-based hydrophobization for concrete with an active ingredient content of 99% and a penetration depth of > 10 mm (Class II).

- high water-repellent effect
- open to water vapour diffusion
- improves freeze-thaw resistance



Concrete protection paint **BF 100 Elastic**

Ready-to-use, water-thinnable, cold-elastic, acrylate-based paint for the protection and visual enhancement of concrete structures

- open to water vapour diffusion
- high CO₂ resistance (carbonate brake)
- high freeze-thaw resistance



Concrete filler **BS 05 G**

Frost-resistant cement-based surface filler of class R2 for optical visual appearance of concrete components

- frost resistant
- suitable as a surface and cavity filler
- strong bonding to the substrate

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