

it's
magic
Self Healing
Repair Mortar



Basilisk
self healing concrete



Basilisk Self Healing Repair Mortar

Basilisk Self Healing Repair Mortar MR3

Cracks in concrete, specifically below ground water level, can be detrimental to water tightness of constructions and can therefore result in leakage problems. For structural and durable repair of such cracks Basilisk Self Healing Repair Mortar MR3 has been developed. MR3 is a 1-component repair mortar modified with Basilisk Healing Agent. It contains natural enzymes and is specially developed for waterproofing leakage spots in concrete. After applying the mortar the Healing Agent will start to react within 24 hours resulting in permanent waterproofing of the construction. This mortar is particularly suitable for permanent and durable repair of larger than 1 mm wide cracks and porous leaky parts of concrete constructions.

Basilisk Repair Mortar can be typically applied to:

- Stop water leakage in basement walls
- Permanently repair water-leaking cracks
- Provide ductile dilatations under dynamic loading conditions
- Repair of structural defects

Characteristics

Based on biodegradable granular additive (Basilisk Healing Agent)
Contains strain hardening PVA fibers providing:

- Low shrinkage
- Strong bonding
- Ductile behaviour

Composition

- Portland cement
- Limestone powder
- Fly ash
- PVA fibres
- Plasticizer
- Biodegradable polymeric mineral precursor compound
- Bio-based enzymatic catalyst

Storage conditions

Dry, between 10 and 40°C

Packaging

Basilisk Self Healing Repair Mortar is available as ready mix in 20 kg bags

Health and environmental aspects

R 38 - Irritating for bare skin
S 24 - Avoid direct skin contact

Safety

Non-flammable / nonexplosive



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