



REFURBISHMENT Sika MonoTop® CONCRETE REPAIR MORTARS

AN OVERVIEW FOR DESIGNERS AND SPECIFIERS

BUILDING TRUST



TECHNICALLY ADVANCED Sika MonoTop® CONCRETE REPAIR MORTARS

DETERIORATION OF CONCRETE may happen due to corrosion, structural damage, water infiltration, freeze and thaw cycles, seismic activity, reactive aggregates etc.

Many years of research plus decades of practical experience have enabled Sika to develop fully comprehensive Sika MonoTop® mortar solutions to restore and rehabilitate concrete structures:

KEY CHARACTERISTICS

- Latest cement technology
- Low sensitivity to shrinkage
- Complete product system

ADDED VALUE

- Independently tested to highest standards
- Compatible with other Sika solutions
- Full technical support provided by Sika
- Proven durability

Sika MonoTop® TYPICAL APPLICATIONS



BUILDING FACADES

- Low capillary absorption
- High carbonation resistance
- E-Modulus similar to concrete



CAR PARKS

- Low chloride permeability
- Freeze-thaw resistance
- High compressive strengths



BRIDGES

- Good bond even under dynamic loads
- High compressive strengths
- Low chloride permeability



MARINE STRUCTURES

- Low chloride permeability
- High freeze-thaw resistance
- Abrasion and erosion resistance



CHIMNEYS / COOLING TOWERS

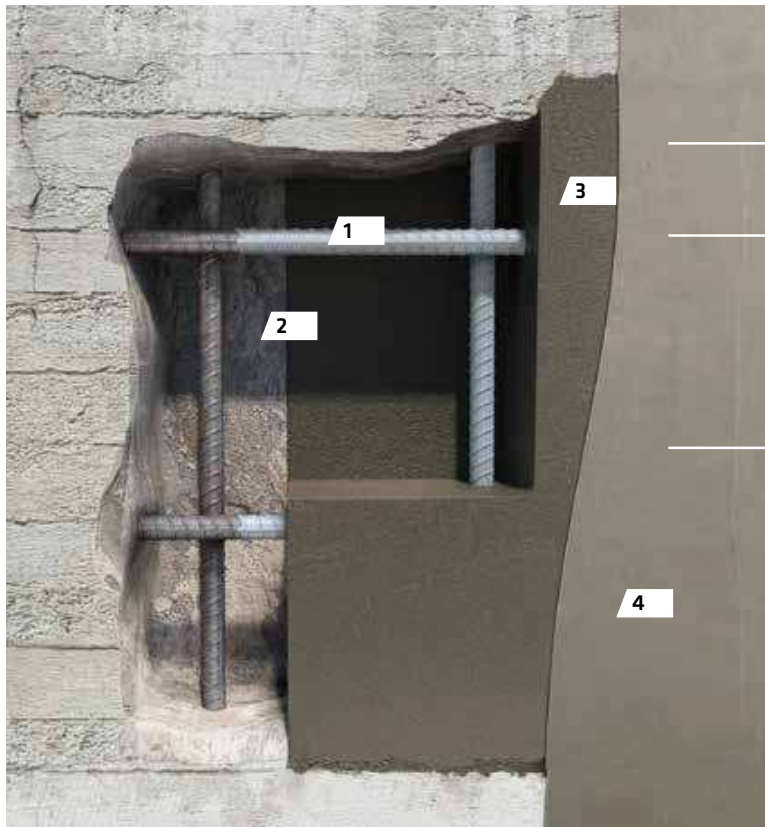
- Similar thermal behaviour to concrete
- Strong adhesive bond
- Low capillary absorption



WASTE WATER TREATMENT PLANTS

- Abrasion resistance
- Compatible with Sikagard® EpoCem® for:
- Higher chemical resistance
- Reduced curing

Sika MonoTop® CONCRETE REPAIR MORTAR SYSTEM



1

Reinforcement Corrosion Protection

- To prevent further corrosion of steel reinforcement

2

Bonding Primer

- To promote adhesion of the repair mortar on demanding substrates

3

Repair Mortar

- To repair concrete defects
- To restore structural integrity
- To improve durability
- To improve appearance
- To extend the structure's design life

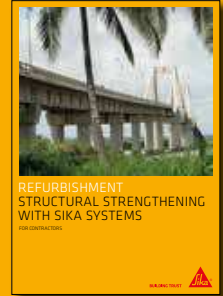
4

Pore Sealer / Levelling Mortar

- To restore durability
- To restore aesthetic appearance
- To restore geometric appearance
- To provide a surface for over-coating



ALSO AVAILABLE FROM SIKA



FOR MORE REFURBISHMENT SOLUTION INFORMATION:



WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



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