

Sika MonoTop®-4100 Protect

Structural, concrete repair mortar for repairing, protecting and waterproofing of concrete structures

USES



Repair of spalling and damaged concrete in buildings, bridges, infra-structure and superstructure works
-> **Restoration work**



Increase the bearing capacity of the existing structures by adding mortar
-> **Strengthening work**



Increase the concrete cover of existing concrete structures
-> **Restoring Pasivity**



Protect concrete surface against ingress of aggressive compounds
-> **Protection work**

ADVANTAGES

PRE-MIXED
TO ENSURE
QUALITY

ALL-IN-ONE CONCRETE
REPAIR SOLUTION:
REPAIR, PROTECT AND
WATERPROOF

EXCELLENT
RESISTANCE TO
SEA WATER AND
SULPHATES

HIGH MECHANICAL
PERFORMANCES,
CLASS R4

KNOW-HOW FROM SITE TO SHELF



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

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REPAIR, PROTECT AND WATERPROOF



Sika MonoTop®-4100 Protect
Multi fuctional, fiber reinforced,
structural concrete repair mortar
The only one for repairing, protecting
and waterproofing in one layer



Sika MonoTop®-4100 Protect

EASY HANDLING

- Suitable for vertical and overhead applications
- Pre-mixed to ensure high quality mortar
- One component product – just add water
- Can be hand or machine applied

LONG LASTING SOLUTION

- High mechanical strength
- Sea water resistance
- Sulfate resistance
- Low permeability
- A1 fire rating

ALL-IN-ONE CONCRETE REPAIR

- Repair, protect and prevent water ingress with one product
- Suitable for structural repairs in concrete
- Does not require a bonding primer even when manually applied
- Up to 60 mm of layer thickness in overhead and vertical repairs



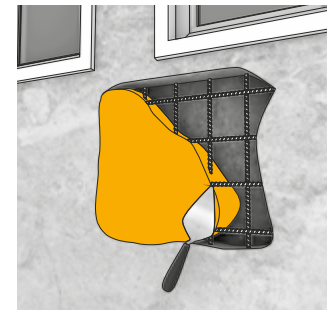
HOW TO MIX:

- Place minimum recommended water ratio in mixing container.
- Progressively add powder whilst mechanically mixing using low speed (max. 500 rpm) electric drill.
- Add more water if required to suit the desired consistency and flow properties but not exceeding maximum dosage.
- Mix in total for minimum 3 minutes or until the material is homogenous.

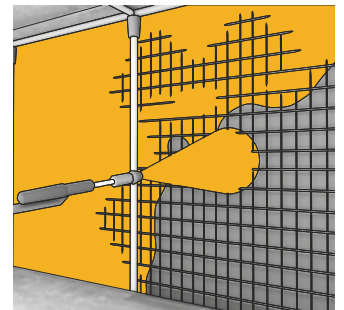


HOW TO APPLY:

- Prepare the substrate until it is clean, free from dust or loose material. Make sure the surface it is not contaminated. Pre-wet the surface.
- Apply manually or spray the mortar with suitable tools or equipment.
- Up to 60 mm thickness per layer.



Hand applied



Machine applied