



ASOCRET-IM

Art.-No. 2 05523

Concrete repair mortar with crystalline waterproofing action

- Mineral-based.
- Water impermeable.
- Also suitable under hydrostatic water pressure.
- Vapour permeable.
- Easy to use.
- Supports self-healing of concrete.
- Can also be applied on damp substrates.

Areas of application:

ASOCRET-IM is used for watertight filling of opened-up cracks and cavities that are to be covered subsequently with AQUAFIN-IC. Alternatively ASOCRET-IM can also be used to form covered fillets.

Technical Data:

Basis:	sand/cement, inorganic
Colour:	grey
Loose density:	1.4 kg/dm ³
Water demand:	3.75 - 4.25 litres per 25 kg bag
Mixing time:	3 minutes (drill mixer at 300 - 700 rpm)
Pot life:	approx. 30 minutes (+23° C / 50% RH)
Application/ Surface temperature:	+5° C to +30° C. Lower temperatures shorten, higher temperatures lengthen the setting time
Cleaning:	Cleaning of equipment whilst still fresh with water. Remove dried-on material with ASO-R005 cleaner.
Compressive strength:	approx. 20 N/mm ² (after 28 days)
Storage:	dry, 12 months in original unopened packaging. Use opened packaging immediately.

Packaging: 25 kg bag

Material consumption:

- U shaped cracks cut out to 20 x 25 mm:
approx. 1.3 kg/m.
- Coved fillets approx. 38 mm haunch height:
approx. 1.3 kg/m.

Surface preparation:

Use ASOCRET-IM exclusively on concrete and reinforced concrete substrates that are clean, sound, load-bearing, open-pored and porous. Abrade smooth and dense substrates. Contaminated surfaces should be appropriately prepared by a suitable method (e.g. sand-blasting, high pressure jetting, shot-blasting or grit blasting). Dampen substrates well with water but avoid the formation of puddles. Plug water leaks with FIX-10-S or FIX 20-T. Chisel out static cracks to a minimum width of 20 mm and a minimum depth of 25 mm. Before filling, pre-coat the sides with AQUAFIN-IC and seal up to the surface with ASOCRET-IM whilst the bond coat is still wet. Repair dynamic cracks by injecting AQUAFIN-P1/P4. Form cement-based coved fillets at the wall/base slab junction as well as at corners and edges. Apply a slurry bonding coat of AQUAFIN-IC to the substrate when forming coved fillets, with an approx. 4 cm side length and apply the ASOCRET-IM whilst it is still wet. After approx. 1 - 3 hours overcoat the ASOCRET-IM with AQUAFIN-IC. If this is not possible then roughen up the surface again once fully hardened and coat with AQUAFIN-IC.

Product preparation:

Pour 3.75 - 4.25 litres of clean water into a mixing bucket and thoroughly stir in as much dry powder (drill with paddle 300 - 700 rpm) until a lump-free homogenous trowellable paste is achieved. Apply the mortar with a trowel or float. Only mix sufficient material that can be used within 30 minutes. Application to larger

ASOCRET-IM

areas can be carried out up to max. 10 mm thickness in one layer.

Important advice:

- A sound substrate is a pre-requisite for a durable bond between substrate and coating system. Weakly bonded substances or those that interfere with bonding must be completely removed. High pressure jetting (> 400 bar) with rotating spray head, very high pressure jetting (up to 2.000 bar) and blasting with solid blasting abrasives are suitable methods. The final cleaning method must be a water jet method.
- Protect areas not be treated from the effects of ASOCRET-IM.
- Do not apply to frozen substrates.
- ASOCRET-IM may not be used as an additive for concrete or renders i.e. it may not be mixed with such products.
- The reaction between ASOCRET-IM and free lime in the concrete can lead to small incidences of efflorescence. This is not a defect and can be brushed away.
- Do not apply to dry substrates.
- Use suitable protective measures to prevent ASOCRET-IM from dehydrating too quickly.
- Varying final colour depends on the varying moisture content of the concrete.

Please observe a valid EC safety data sheet.

GISCODE: ZP1