



Technical Data Sheet

ASOCRET-IM

Art.-No. 2 05523

Repair and sealing mortar for concrete

Properties:

- Mineral-based.
- Water impermeable.
- Also suitable under hydrostatic water pressure.
- Vapour permeable.
- Easy to use.
- Supports self-healing of concrete.
- For thickness from 3 to 12 mm in one coat.
- 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:	1.3 kg/dm ³
Water demand:	3.75 – 4.25 litres per 25kg bag
Mixing time:	3 minutes (drill mixer at 300 – 700 rpm)
Pot life:	approx. 30 minutes (+23° C / 60% RH)
Application/ Surface temperature:	+5° C to +30° C. Lower temperatures shorten, higher temperatures lengthen the setting time
Cleaning of equipment:	Whilst still fresh with water. Remove dried-on material with ASO-Steinreiniger cleaner.
Strength:	approx. 35 N/mm ² (28 days)
Storage:	Dry, 12 months in original unopened packaging. Use opened packaging immediately.
Packaging:	25 kg paper bags

Material consumption:

- U shaped cracks cut out to 20 x 25 mm:
approx. 1.3 kg/m.
- Coved fillets 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, 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. Chisel out cracks to a minimum width of 20mm and a minimum depth of 25mm. Apply a slurry bonding coat of AQUAFIN-IC to the substrate when forming coved fillets and apply the ASOCRET-IM whilst it is still wet.

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.

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 water jetting (> 400 bar), 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 to be treated from the effects of ASOCRET-IM.
- ASOCRET-IM cannot be used as an additive for concrete or renders i.e. it may not be mixed with such products.

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- 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.
- Overcoat the ASOCRET-IM with AQUAFIN-IC after 1 – 2 hours. Where this is not possible abrade the surface again and subsequently coat with AQUAFIN-IC.
- Varying final colour depends on the varying moisture content of the concrete.

Please observe a valid EC safety data sheet.
Low chromate in accordance with TRGS 613.

GISCODE: ZP1