

MYKASOCRET-IM

Repair and sealing mortar for concrete

Technical Data Sheet

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.

Application areas:

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 coved fillets.

Technical Data:

Basis : sand/cement, inorganic

Colour : grey

Loose density : 1.3 kg/dm³

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: Whilst still fresh with water. Remove dried equipment on material with MYK Clean 501

Strength: approx. 35 N/mm² (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

Substrates:

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 background 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 notes:

- 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 2000 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.
- ASOCRET-IM cannot 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.

