

# ASOCRET-IM

## Crystalline repair mortar for concrete waterproofing

June 2024

### PRODUCT FEATURES:

- Capillary active mortar
- Increased active crack healing in concrete
- Chloride free
- Mineral based

### ADVANTAGES:

- Watertight
- Vapour permeable
- Easy application
- Water impermeable
- Supports self-repair of the concrete
- Can also be used on damp substrate

### AREAS OF APPLICATION:

- For watertight filling of open cracks and holes that are covered by Aquafin-IC
- As coving mortar
- Suitable for negative or hydrostatic water pressure



### TECHNICAL DATA:

Material properties	
Product components	One component system
Base material	Pre-blended dry mortar
Consistency	Filler consistency
Grain size max	< 1 mm
Compressive strength (28 days)	Approx. 20 N/mm <sup>2</sup>
Packaging	25 kg bags
Mixing	
Mixing time	Approx. 3 minutes
Water addition	From 3.75 litres to 4.25 litres per 25 kg
Water addition (percentage)	From 15% to 17%
Application	
Substrate/application temperature	From 5°C to 30°C
Pot life	Approx. 30 minutes
Method of application, max. layer thickness per application step	To 10 mm
Consumption pro m <sup>2</sup> and mm layer thickness	Approx 1.7 kg/m <sup>2</sup>

### APPLICATION TECHNOLOGY:

#### Aids/tools

- Stirrer (approx. 500-700 rpm)
- Suitable mixing paddle

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### SUITABLE SUBSTRATE:

Concrete

### SUBSTRATE PREPARATION:

#### Requirement for substrate

- Firm
- Load-bearing
- Pore open
- Clean
- Absorbent

#### Preparing the surface

1. Dense and smooth substrates must be roughened accordingly using suitable measures (e.g. sand, high-pressure, water or shot blasting).
2. A load-bearing substrate is a precondition for a long-lasting bond between the substrate and coating system. Less adhesive and bond-damaging substances must be completely removed. High-pressure water jetting (>400 bar; <2000 bar) and jets with fixed blasting agents are suitable measures. The last application step must be cleaning with pressure water jetting.
3. Water ingress must be stopped in advance with FIX 10-S or FIX 20T.
4. Pre-moisten the dry substrate so that it is matt damp at the time of application.
5. The formation of puddles must be avoided.

### USAGE:

#### Mixing

Add water (from 3.75 litres to 4.25 litres per 25 kg) to a clean mixing bucket and mix with 25 kg of the powder component to produce a homogeneous, lump-free mass.

#### Application

1. ASOCRET-IM can be applied with a layer thickness of up to 10 mm per application step.
2. Structural cracks are to be prised open up to a width of approx. 20 mm and a depth of approx. 25 mm. Screen the edges with AQUAFIN-IC and seal wet in wet with ASOCRET-IM flush with the surface.
3. Screen the substrate with AQUAFIN-IC and then apply the ASOCRET-IM “wet in wet” with an edge height of approx. 4cm in a rounded form.
4. After approx. 1-3 hours, rework ASOCRET-IM with AQUAFIN-IC. If this is not possible during this period, the surface should be roughened again after totally hardening and then coated with AQUAFIN-IC.
5. ASOCRET-IM must be protected against rapid water removal using suitable protective measures.

#### Cleaning Tools

Rinse tools with water immediately after use.

### STORAGE:

Cool, dry, protected from sunlight. Min.12 months in the original container. Promptly use opened container.

### DISPOSAL:

Product leftovers can be disposed of in accordance with disposal code AW 17 01 01.

### Notes:

- Protect surfaces that are not to be treated from the effects of ASOCRET-IM.
- Do not use on frozen substrates.
- ASOCRET-IM cannot be admixed as an additive to concrete or plaster, i.e. must not be admixed with such products.
- The reaction between ASOCRET-IM and the free lime in the concrete can result in slight efflorescence. This is not a defect and can be brushed off.
- Different colouring depends on the different moisture content of the concrete.

### GISCODE: ZP1

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### HEALTH AND SAFETY:

Health and Safety information can be found on the Safety Data Sheet (SDS).

### WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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### MANUFACTURERS CONTACT DETAILS:

Manufacture location	Germany
Legal and trading name of manufacturer	SCHOMBURG GmbH & Co. KG
Manufacturer address for service	Aquafinstr. 2-8 D-32760 Detmold (Germany)
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