



Technical Data Sheet

ASOCRET-M30

Art.-No. 2 05539

Non-slump wall and floor smoothing compound - covered fillet mortar

CE	
SCHOMBURG GmbH & Co. KG Aquafinstraße 2-8 D-32760 Detmold 15 2 05548	
DIN EN 998-1:2010:12 ASOCRET-M30 Normal plaster	
Compressive strength	CS IV
Capillary water absorption, Category	W2
Water vapor permeability coefficient, μ	≤ 25
Tensile strength 28d	$\geq 0.5 \text{ N/mm}^2$
Fracture appearance	A
Thermal conductivity, $\lambda_{10, \text{dry}}$, Tabulated average value (P = 50%), DIN EN 1745	< 0.67
Reaction to fire	A1
Durability (Frost resistance)	Resistant in case of handling according to the technical data sheet



- For interior and exterior areas
- Shrinkage compensated
- Rapid setting
- Water-repellent
- Sulfate resistant
- For thicknesses from 3 to 30 mm.
- Very smooth application
- High slump resistance
- Can be quickly overcoated

Areas of application:

ASOCRET-M30 is used for repairing and levelling of damage and voids in wall and floor areas up to a thickness of 30 mm in one application. It is furthermore suitable for producing mineral-based covered fillets and water impermeable render coats (blocking render) from 10 mm thickness.

Technical Data:

Basis:	Sand, cement, high quality additives
Colour:	light grey
Water demand:	approx. 4.50-5.25 l/25 kg approx. 1.10-1.30 l/6 kg
Density:	approx. 1.6 kg/dm ³
Substrate/ application temp.:	+5 °C to +30 °C

Pot life*:	approx. 30 mins
Overcoat after*:	approx. 3 hours
Flexural strength after 28 days:	approx. 5.0 N/mm ²
Compressive strength after 28 days:	approx. 20.0 N/mm ²
Water vapor permeability coefficient w24:	$< 0.1 \text{ kg/m}^2 \times \text{h}^{0.5}$
Packaging:	6 and 25 kg plastic bag
Consumption:	
• Surface levelling:	approx. 1.4 kg/m ² /mm thickness
• Mineral-based covered fillets:	approx. 3.0 kg/m
Storage:	dry, 6 months in the original unopened packaging. Use opened packaging promptly.

* The values refer to +23° C and 50% relative humidity. Higher temperatures accelerate and lower temperatures extend the hardening time.

Substrate preparation:

The substrate must be load-bearing, sound with a good key and be free from adhesion inhibiting substances such as separating agents, dust etc. Rake out crumbly masonry joints to a depth of 2 cm and mechanically clean the area. Treat heavy salting with ESCO-FLUAT. Remove all loose or poorly bonded layers from damaged areas until a solid base is reached. Remove laitance using suitable means such as e.g. hand scabbling. Pre-wet the substrate so that it is matt damp during the application of ASOCRET-M30. To improve adhesion prime highly absorbent substrates with ASO-Unigrund-GE or ASO-Unigrund-K. When applying to very dense or smooth substrates e.g. concrete or natural stone masonry, we recommend applying a bonding coat of ASOCRET-KS/HB or INDUCRETBIS-0/2. Dependent on the project, an alternative could be to use a splatterdash coat of THERMOPAL-SP.

ASOCRET-M30

Product preparation:

Dependent on the desired consistency, place approx. 4.2 - 5.25 litres of clean water into a clean mixing bucket and whilst continuously mechanically stirring (mixing drill approx. 300 - 700 rpm), mix in as much dry mortar until a lump free, non-slump, smooth mortar paste is achieved. The mixing time is approx. 2-3 minutes. Allow to stand for 5 minutes then mix through once again. Application of the mortar is carried out to the technical regulations for plastering.

Surface levelling:

ASOCRET-M30 can be applied to surfaces up to 30 mm in thickness in one application. Firstly apply a scratch coat of ASOCRET-M30 to the prepared substrate then apply to the desired thickness. Striking off is carried out dependent on the application using suitable tools (float, trowel or plasterer's darby) within the working time. After the appropriate standing time, the surface can be rubbed down using a rubbing board, felt board or sponge board. Alternatively rub down with a grid float after approx. 60-80 minutes (dependent on the substrate, ambient conditions and thickness), so that surface irregularities are removed leaving a rough surface, which ensures a good bond for following coatings.

Repair of voids:

Pre-wet the chopped out edges of the prepared voids until matt damp and then fill flush with the surface with ASOCRET-M30. Prepare deep holes or voids with a scratch coat. Treat the final levelling layer with a rubbing board, felt board or sponge board.

Producing mineral-based covered fillets (internal corners and wall/floor junctions):

Apply a slurry of AQUAFIN-1K to the prepared substrate and whilst still wet, build a covered fillet using ASOCRET-M30 to a minimum side length of 4 cm and round off. Dependent on the project, the mineral-based covered fillet can be overcoated with the particular

waterproofing system as early as approx. 3 hours. Higher temperatures shorten and lower temperatures extend these drying times.

Advice:

- Protect areas not being treated from the effects of ASOCRET-M30.
- ASOCRET-M30 that has already started to stiffen must not be re-lifted by adding water or fresh mortar as there is a risk of inadequate strength development.
- Protect ASOCRET-M30 from drying out too quickly (e.g. from higher temperatures or wind) using suitable measures such as e.g. repeated spraying with water or by covering.
- Protect ASOCRET-M30 from weathering e.g. rain, frost, strong sunshine, wind etc., until fully dried out.

Please observe a current valid EU Health & Safety Data Sheet!

GISCODE: ZP 1