

ASOCRET-RN

MORTAR FOR REPAIRS AND PRODUCING COVERED FILLETS

Product Description:

- Pre-blended mortar
- Cement-based
- Low shrinkage
- For interior and exterior use
- Polymer modified
- For thicknesses from 3 – 20 mm in one coat

Areas of Application:

Anti-sag smoothing mortar for repairing voids and cavities in concrete and pre-cast concrete walls and ceilings. For producing covered fillets as well as renders up to 20 mm thick in one coat. For repairing steps, concrete walls etc.

Technical Properties:

Basis	: Cement-based mortar
Color	: Grey
Bulk density	: 1.7 kg/dm ³
Water demand	: approx. 4 litres water, 25 kg ASOCRET-RN approx.
Consumption	: 1.6 kg/m ² /mm
Pot life *	: approx. 30 mins
Application/ substrate temp	: +5° C to +25° C
Compressive strength 28 days	: approx. 20.0 N/mm ²
Flexural strength 28 days	: approx. 5.0 N/mm ²

Tensile adhesion strength 28 days	: approx. 1.0 N/mm ²
Overcoat *	: after approx. 24 hrs
Packaging	: 25 kg plastic bags
Storage	: min. 6 months when stored dry in the original unopened packaging. Use opened packaging promptly.

*The values given relate to +20° C and 65% relative humidity.

Substrate Preparation:

The mineral based substrate must be load-bearing, solid with a good key and free from substances acting as separating agents. The substrate's load and weight bearing capacities must conform to DIN 1055. Separating layers and laitance are to be mechanically removed by suitable means such as e.g., mechanical blasting techniques or scabbling. Shrinkage processes must be largely complete. Remove loose edges back to a solid base. Pre-wet the substrate so that it is matt-damp at the time ASOCRET-RN is applied. Prime very absorbent substrates with ASO®-Unigrund-GE. When applying in larger surface areas apply THERMOPAL-SP as a half cover splatterdash coat (cover approx. 50%).

Product Preparation:

Place approx. 4.0 litres of clean water into a clean mixing bucket and add sufficient dry powder



whilst continually mechanically stirring (drill approx. 300 – 700 rpm) until a lump free, non-slump, smooth paste-like mortar is achieved. Mixing can also take place in a free-fall or compulsory mixer. The mortar is applied by trowel or float following technical rendering regulatory techniques. Pre-fill deep holes or voids with a scratch coat. Roughen the surface. Rub down the final levelling coat with a felt or sponge board.

Advice:

- Instead of ASO[®]-Unigrund-GE, ASO[®]-Unigrund-K (diluted 1:3 or 4 with water) can be used
- High temperatures accelerate whilst lower temperatures slow down the setting process.
- ASOCRET-RN which has already started to stiffen should not be re-lifed by adding water or fresh mortar as there is a risk of inadequate strength development.
- Protect areas not being treated with ASOCRET-RN.

Please observe a current valid Health & Safety Data Sheet.