

adhesives and glues

AGR 180

Ultra-fast curing mortar



Product description

Special mortar composed of high strength and fast curing hydraulic binders, selected aggregates and special additives to improve workability and quicken curing. The particular composition allows for the obtaining of a thixotropic consistency.

Supply and Storage

AGR180 is supplied in special bags on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before expiry date stamped on the bag.



Surface Preparation and Application

The installation surface must be free from dust and dirt. Any traces of oils, fats, waxes, damaged parts or in the process of detachment must first be carefully removed. The surfaces must be soaked. In the presence of absorbant surfaces (such as bricks or mixed masonry), the humidification must be thorough. Prepare the dough by hand kneading small amounts of AGR180 at a time, with about 21% water, to obtain a uniform texture and free of lumps. Do not mix for more than 30 seconds. The dough thus obtained has a pot life of about 2-3 minutes at +20°C. Do not in any way attempt to restore workability by adding further water.

Fields of use

AGR180 is used to lay false frames and knobs in wood and metal, for attachment of cables and electrical boxes and pipes, bathroom fixtures, hinges, radiator anchors. It is also used for the plastering and sealing of cement pipes, road manholes and for limiting small

water leaks.

Specifications

For the installation of false frames and knobs in wood and metal, for attachment of cables and electrical boxes, pipes, bathroom fixtures, hinges, radiator anchors, cement pipes and road manholes, use the ultra-rapid curing mortar AGR180 from Fornaci Calce Grigolin, based on high-strength and fast-curing hydraulic binders, selected aggregates and special additives to improve workability and quicken curing. The particular composition allows for the obtaining of a thixotropic consistency. The areas of installation must be free of dust, traces of oil, disarming, saline efflorescence and soot and should be roughened and soaked to saturation; then, proceed with a trowel to the application of the fast-curing mortar.

Technical data

Color	grey
Specific weight	1.200 kg/m ³ determined in free fall
Water in the mix	approx. 21%
Curing time	5 minutes at + 20°C
Chloride	2-3 minutes at + 20°C
Pot life after mixing	absent
Load time	after approx. 3 hours
Mechanical resistance to compression	after 3 hours > 4 N/mm ²
	after 24 hours > 12 N/mm ²
	after 7 days > 25 N/mm ²
	after 28 days > 30 N/mm ²

Disclaimers

Do not mix AGR180 with other substances and, once the product has hardened, do not in any way attempt to restore workability by adding further water.

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