



RAPIDSET REPAIR MORTAR

Construction Mortar for indoors & outdoors

- Repairs cracks and holes up to 20mm
- Fast-setting in 15 minutes
- Lay floor coverings after 90 minutes

DESCRIPTION

RAPIDSET REPAIR MORTAR is a rapid hardening, rapid drying, slump-free mortar for internal and external repairs. It is ideal for repairing and resurfacing concrete stair treads and risers and concrete subfloors.

Also for filling and patching cracks in walls, ceilings, window and door frames and can be used to form ramps from 2-30mm. Mixed mortar sets after 15-20 minutes and can be subjected to foot traffic after 2-3 hours at 20°C.

TYPICAL APPLICATIONS

- Filling cracks, gaps, holes
- Repairing and refacing of concrete stair treads and risers
- Damaged brickwork
- Damaged wall renders
- Making good on wall chases and around pipework, door and window frames
- Forming ramps from 2mm to 30mm
- Repair soffits, beams, lintels

LIMITATIONS

RAPIDSET REPAIR MORTAR is suitable for foot traffic and light duty, soft wheel, vehicle traffic.

Do not use for heavy duty areas such as areas subjected to heavy vehicles or heavily trafficked areas.

SURFACE PREPARATION

RAPIDSET REPAIR MORTAR can be applied directly to dry or moist substrates provided which are set, hardened and the surface is sound, free of dust, grease, oil and other surface contamination. Worn or trafficked surfaces should be abraded with a diamond grinder or scarifier to remove any contamination and to roughen concrete to expose a clean porous surface to ensure good adhesion.

Priming is not generally required for these types of surfaces, unless they are extremely porous, in which

case prime with MULTIPURPOSE PRIMER AND ADDITIVE. Subfloor temperatures must be a minimum of 10°C and maximum of 30°C.

MIXING

Approx. 0.8 litres of water to 3kg of RAPIDSET REPAIR MORTAR powder or 1 volume of water to 3.5 volume to powder.

ABA repair products react and harden quickly when mixed with water. Thorough mixing in the shortest possible time is essential to ensure a lump free, slump resistant mortar. Always mix the powder into water. The most efficient method of mixing is by using an mixing paddle and a heavy duty electric drill (650 rpm) and mix thoroughly. Do not overwater.

If the mix initially appears dry, continue mixing for a full 2-3 minutes until a creamy non-slump mortar is achieved. Do not add additional water.

The mixed mortar has a working time of 15-20 minutes at 20°C. This time will be extended in cooler temperatures and reduced at higher temperatures.

APPLICATION

For repairs, apply the mortar with a trowel to holes, cracks and damaged areas, ensuring that the mortar "wets" the surface by trowelling in firmly, leaving the repair proud. After approx. 15 minutes, trim off excess and finish off with a wet trowel, sponge or sponge float to obtain a smooth surface. For ramps, work the mortar into the prepared substrates with a trowel.

If floor coverings are to be installed, RAPIDSET REPAIR MORTAR must be left for 24 hours. If the product is to be coated, it should be left for 2 days up to 5mm, 5 days up to 10mm, 7 days up to 20mm and 10 days up to 30mm. These times will be shorter in warm conditions and longer in colder conditions.

NOTE: Exterior installations must be protected from direct sunlight and draughts which could lead to accelerated drying of the surface.

COVERAGE

Approx. 1.4 kg powder / mm / m².

TECHNICAL DATA

| | |
|--------------------------|---------------------|
| Bulk density of powder | 1.3g/L |
| Weight of fresh mortar | 1.8kg/L |
| Working time | approx. 15 minutes |
| Compressive Strength | |
| - after 1 day | 10 MPa |
| - after 7 days | 15 MPa |
| - after 28 days | 20 MPa |
| Tensile Bonding Strength | 2 MPa (after 1 day) |



PACKAGING

RAPIDSET REPAIR MORTAR is available in 3kg pails, 4 x 3kg in one box.

STORAGE & SHELF LIFE

RAPIDSET REPAIR MORTAR has a shelf life of 12 months if kept in a dry and well-ventilated store in the original unopened containers. Replace tightly after use.

THINNING & CLEAN-UP

The first coat should be thinned with water, as required depending on the porosity of the surface to be coated (up to 20% for dense surface to 5% for more porous surfaces) to ensure optimum penetration. Thinning of the first and second coat is not allowed since this increase the difficulty in achieving the required dry film thickness. Wash all equipment in water or water/detergent immediately on completion.

SAFETY PRECAUTIONS

RAPIDSET REPAIR MORTAR contains Portland Cement and Quartz sand. Avoid generation of dust. Do not inhale dust. Avoid contact with eyes or skin.

Wear suitable gloves and safety glasses. In case of contact with eyes and skin, rinse with plenty of water. If dust is inhaled, remove to fresh air, ensure breathing passages are clear, and rinse mouth with running water. In event of irritation, seek for medical advice.

For further safety data, consult the latest Material Safety Datasheet available upon request and online at www.aba-sea.com.

DISCLAIMER

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a

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