



MAX PREP

RAMP-IT

Rapid Hardening and Drying Internal Repair Mortar



Slump free | Ideal for vertical and horizontal repairs

Easy to install | can be applied from 0 to 20mm

Mix ratio | 5.5 to 6.5 litres of water to 20kg of powder

Speed of installation | provides faster turnaround for other trades

PRODUCT USE

MJS Max Prep Ramp-It is a slump free feather edge patching compound that is designed for internal filling of cavities, holes, unevenness and patching work in wall and floor areas. When mixed with water the result is a smooth slump free mortar with a pot life of approx. 25 minutes.

AREAS FOR PRODUCT USE

Internal Filling cavities, holes, unevenness, grooves, patching work in wall and floor areas. Levelling and repairing of stairs and landings. MJS Ramp-It can also be used to produce ramps and smoothing of floor surfaces and ramps.

BEFORE INSTALLATION

The substrate must be dry, firm, sound, free from dust and release agents. MJS Ramp-It adheres to nearly all substrates and is not sensitive to moisture.

MIXING

The MJS Ramp-It powder is added to the required amount of water in a clean mixing container and mixed thoroughly to obtain a lump-free and slump-resistant mortar.

The mix proportions are: 20kg MJS Ramp-It powder to approx. 5.5 to 6.5 litres of water.

APPLICATION

MJS Ramp-It can be applied from 0 to 20mm in a single application. In smaller, well defined areas, such as holes, it can be applied to almost any depth. MJS Ramp-It can be feather edged to match existing elevations.

For larger areas and thickness over 10mm, MJS Ramp-It should be filled with coarser sand 0 – 4mm with the mixing ratio of 1.0 vol. mortar and 0.3 vol. of sand. With dense and primed substrates MJS Ramp-It should be applied at minimum thickness of 1.5mm.

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 about 20 minutes trim off excess and finish off with a wet trowel, sponge or sponge float to obtain a smooth surface. As soon as the repair has hardened, the surface of the floor, stair tread etc., can be levelled, if necessary with MJS Level-It floor levelling cement.

Smoothing and Refacing: Apply the mixed mortar with a trowel to the required thickness taking into account the short working time. The material may be finished with a wet trowel after 15 – 20 minutes to provide a finish suitable for direct application of floor coverings.



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MJS Ramp-It is workable for approx. 20 minutes at 18 – 20°C. Lower temperatures lengthen the working time, higher temperatures shorten it. MJS Ramp-It is particularly suited for restoring worn out and damaged steps and stairs. After approx. 20 minutes trim off excess mortar and finish off with a wet trowel, sponge or float to obtain a smooth surface.

After hardening of the compound subsequent floor levelling can be done with MJS Level-It levellers.

PRECAUTIONS

MJS Ramp-It can be walked on after approx. 60 minutes at a temperatures of 18° – 20°C. Subsequent levelling work should be done immediately after the area is trafficable. Should the area be dry already, priming has to be done with ARDEX P 51 diluted 1:3 with water. The finished surface has to be protected against direct sunlight and during cure.

If in doubt install test areas first. Please observe the common rules of practice in AS1884 and AS2455. In exterior and permanently wet areas MJS Ramp-It cannot be used.

TECHNICAL PERFORMANCE DATA

Mixing ratio: Approx. 5.5 to 6.5 litre water 20kg powder

Working time: Approx. 25 minutes

Walkability: Approx. 60 minutes

Ready to receive floorcoverings: Approx. 60 minutes

Compressive strength: After 28 days approx. 35 N/mm²

Tensile bending strength: After 28 days approx. 7.0 N/mm²

Packaging: Bags with 20kg net

Storage: Can be stored for approx. 12 month in dry rooms in originally sealed packaging.

HEALTH AND SAFETY

MJS Ramp-It contains Portland cement and Quartz sand. Avoid generation of dust. Do not inhale dust. Avoid contact with eyes or skin. Wear suitable protective gloves and safety glasses. In case of contact with eyes, rinse opened eye for several minutes under running water. In case of contact with skin, rinse affected areas thoroughly with running water. If dust is inhaled, remove to fresh air, ensure breathing passages are clear, and rinse mouth with running water. If symptoms persist, seek medical advice. Material Safety Data Sheets are available on request.



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CONTACT

QLD

Mansfield (07) 3347 7300
Townsville (07) 4728 8644
Bowen Hills (07) 3216 1014
Burleigh (07) 5520 4488
Cairns (07) 4035 6792
Mackay (07) 4944 0698
Maroochydore (07) 5443 1122
Toowoomba (07) 4632 0756

NT

Darwin (08) 8947 6917

NSW

Wetherill Park (02) 9725 5519
Seven Hills (02) 9674 9655
Tamworth (02) 6762 5433

ACT

Fyshwick (02) 6239 1000

VIC

Sunshine (03) 9314 2872
Dandenong (03) 9792 9858

TAS

Hobart (03) 6228 1032

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