



FLOORING

TECHNICAL DATA SHEET

RAPID PATCH

PROTEIN FREE

30N/mm²

FEATHER EDGE

LIGHT GREY

FOOT TRAFFIC IN 1-2 HOURS

Rapid Patch is a very fast setting and drying cementitious patching mortar. It is ideal for internal and external repairs to floors, stairs and steps, and for reconstruction of edges/corners on precast units. Rapid Patch is chloride-free, non-corrosive to reinforcing steel and generally does not require a bonding agent.



TECHNICAL DATA SHEET

PRODUCT INFORMATION

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| FORM | Free Flowing Powder |
| COLOUR | Light Cement Grey |
| WET DENSITY | Y: 2000kg/m |
| BED THICKNESS | Up to 25mm |
| WORKING TIME | 10 –15 min @ 20°C |
| SET TIMES | @ 20°C - Initial: 13 min, Final: 28min @ 10°C - Initial: 17 min, final 45min |
| MIX PROPORTIONS | 1 L per 5 kg |
| TYPICAL COMPRESSIVE STRENGTH: | <u>Air Cured @ 20°C</u> 3hr 10 N/mm ² 24hr 20 N/mm ² 7 day 25 N/mm ² 28day 30 N/mm ² |
| COVERAGE | Dependent on the nature of the surface and usage. Approx. 1m ² /12.5 kg @ 6 mm bed. |

DIRECTIONS FOR USE

PREPARATION

The surface should be sound, clean, and free from all dust and contamination. It is important to pre-dampen the substrate and then remove any standing water prior to laying Rapid Patch. Very absorbent surfaces should be primed with one coat of Larsen Acrylic Primer.

MIXING

Mix only a quantity that can be used within the open time (approx. 15 min). Add 5 kg of powder to 1 L of clean water. Pour the water into a clean bucket and add the powder while stirring until a lump-free, slump-resistant mortar is produced. Small quantities can be mixed by hand; for larger quantities, use a slow speed drill and paddle.

APPLICATION

Smoothing: Ensure the substrate is clean and has been dampened. Trowel onto the substrate and spread to the required depth, feather-edging if necessary. (Apply at a thickness of at least 3mm over large areas.) After 15-20 min, finish the surface with a wet trowel. **Patch Repairs:** Ensure the area to be repaired is free from dust and loose material, and has been dampened. Trowel in firmly ensuring the mortar fully contacts the surface. After 15 min, remove excess material and finish the repair with a wet trowel or stiff brush. For isolated thicknesses exceeding 20 mm or for increased economy at > 6 mm, Rapid Patch can be bulked out with suitable 3-6 mm aggregate. For larger repairs up to 50 mm thickness or where strengths > 30N/mm² are required, use Larcem Quickset.

RESTRICTIONS

All work should be carried out to current best practice and industry standards. Rapid Patch will take longer to harden and set at lower temperatures, and should not be used below 5°C. Deviation from the recommended water/powder ratios will result in a loss of early and ultimate strength. Rapid Patch is not a final wearing surface, but can be over-coated with most of the Larsen range of surface treatments, adhesives, screeds, etc.

CLEANING

Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set.

STORAGE

Rapid Patch should be stored in closed containers protected from damp and extremes of temperature.

SHELF LIFE

9 months in unopened manufacturer's containers.

PACKAGING

12.5kg packs