

PRECAST PATCH REPAIR



Larsen Precast Patch Repair is a polymer modified, fast setting, cement based mortar. It is designed for rapid repairs to precast concrete units. Patch Repair is ideal for filling larger blowholes and repairing edge damage prior to finishing with Larsen Precast Skim Coat. It is intended to be applied from 3 – 50mm depth in general.

FAST SET

LOW SHRINK

SMOOTH FINISH

EASY TO USE

CHLORIDE FREE

TECHNICAL INFORMATION

PRODUCT INFORMATION	
FORM	Powder
COLOUR	Light Grey
MAX AGGREGATE	0.5mm
HAZARD INFORMATION:	Contains cement. Consult Safety Datasheet before use
CLEANING:	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set.
PACKAGING:	25kg multilayer paper
STORAGE INSTRUCTIONS:	Store unopened containers in a dark, cool, dry location away from extremes of temperature
SHELF LIFE:	Minimum 6 months in unopened manufacturer's containers
APPLICATION INFORMATION	
WATER DEMAND	4.0 - 4.5L per 25kg
APPLICATION TEMPERATURE	+5°C to +30°C
WORKING TIME	Approx. 15 minutes
APPLICATION THICKNESS	3 to 50mm (Thicker sections may be built up in layers)
YIELD	Approx. 14.5 L per 25kg bag
TYPICAL PERFORMANCE INFORMATION	
SETTING TIME	ca. 30min
COMPRESSIVE STRENGTH	28day >40 MPa
CHLORIDE ION	<0.1%

DIRECTIONS FOR USE

PREPARATION

All surfaces must be sound, clean, and free from any loose or friable material. Concrete surfaces must be free of any contamination, including curing membranes or sealers. If required surface may be lightly shot blast. It is recommended to pre-dampen surfaces before application.

MIXING

Mix each 25kg bag with 4-4.5L clean water. Smaller amounts should be mixed pro-rata. The mortar should be mixed to a consistency suitable for the intended application. Mix with a slow speed drill and paddle for best results. Do not mix more product than can be used in approx. 15-20 minutes.

APPLICATION

Trowel onto the substrate and spread to the required depth. After 5-10min, the surface can be finished with a damp trowel. Alternatively after setting and drying the surface can be further finished Larsen Precast Skim Coat.

RESTRICTIONS

While Patch Repair is designed to closely match most precast concrete in colour, colour cannot be guaranteed to a decorative level. Colour may vary from batch to batch and with variations in mixing water, site and substrate conditions. Patch Repair is designed for horizontal, vertical and overhead work but is not a final wearing surface for traffic. Patch Repair can be over-coated with most common decorative or protective finishes as required. Ambient and substrate temperatures should be above 5°C during application. Fresh mortar should be protected from frost and rain until the product has fully hardened. Adequate curing may be required to prevent cracking in high drying conditions. When ambient or substrate temperatures are below 10°C, allow extra time for the material to harden before finishing. When applying at thickness greater than 50mm, build up in layers. Patch Repair is not a structural repair material. Patch Repair may crack if covering joints prone to movement or live cracks.

QUALITY

This product is manufactured in a plant controlled under an integrated management system third party certified to BS EN ISO 9001.