

VERSION: 03

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LARSEN

BUILDERS MERCHANTS

QUICKMIX

TECHNICAL DATA SHEET

Rapid Repair Concrete

20+ N/mm² IN 2 HOURS

UP TO 150mm IN SINGLE LAYER

WEARING FINISH

TRAFFIC IN 2-4 HOURS

QUICKMIX Rapid Repair Concrete is a blend of specially selected aggregates, cements, and additives to give a very fast setting cementitious patching screed mortar with high early strength. Rapid repairs can be carried out on screeds, pavements and factory floors with minimal obstruction and downtime. Rapid Repair Concrete can be used for other rapid setting applications, such as the bedding of manhole covers, etc. Rapid Repair Concrete is chloride-free, sulphate resistant and non-corrosive to reinforcing steel, and generally does not require a bonding agent.



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The voice of the Irish Hardware Industry

For further information, consult our Technical Department.

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TECHNICAL DATA SHEET

PRODUCT INFORMATION

FORM	Free-flowing powder
COLOUR	Dark grey
MAX AGGREGATE	1.2mm
HAZARD INFORMATION	IRRITANT - 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	5kg Bucket
STORAGE INSTRUCTIONS	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE	9 months in unopened manufacturer's packaging

TECHNICAL INFORMATION

BED THICKNESS	3 - 150mm
WORKING TIME	10 - 15 min @ 20°C
MIX PROPORTIONS	5 Parts powder to 1 part clean water
TIME TO TRAFFIC (depending on site conditions)	Light Foot Traffic - after 2 - 4 hours Full Traffic - after 1 - 2 days Covering - after 1 - 2 days
COMPRESSIVE STRENGTH	2hr 20 MPa 4hr 25 MPa 7 day 35 MPa 28 day >45MPa
COVERAGE	Dependent on the nature of the surface and usage. Approx. 0.26 m ² / 5kg @ 10mm bed

DIRECTIONS FOR USE

PREPARATION

All substrates should be clean and thoroughly sound and free from oils, grease, dust, loose particles, or any other contaminants which may interfere with adhesion. They should be pre-soaked but free from standing water. Due to the speed of set it is recommended to work in areas of less than 2m².

MIXING

Add 5 parts Powder to 1 part clean water to achieve the desired workability. Mix thoroughly by suitable mechanical mixer. Should more water be added, the hardened properties of the product will be reduced. Rapid Repair Concrete will begin to set in 15 minutes, do not try to remix or wet-up once it has 'gone off'.

APPLICATION

QUICKMIX Rapid Repair Concrete should be fully compacted into the area to be repaired and finished using a clean trowel.

QUALITY

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

RESTRICTIONS

Speed of set and strength development will be affected by site and substrate temperature. Warm conditions will accelerate setting and cold conditions will slow setting. Protect freshly placed material from freezing until set. In adverse weather conditions, Rapid Repair Concrete should not be used if the temperature is below 5°C. In hot or windy conditions, cure with an appropriate curing membrane, polythene, or wet hessian.

HEALTH & SAFETY

CONTAINS CEMENT May cause an allergic skin reaction. Causes serious eye damage. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid breathing dust. Wear protective gloves / protective clothing / eye protection. If on skin: Wash with plenty of soap and water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor / physician. If skin irritation or rash occurs: Get medical advice / attention. Dispose of contents / container in accordance with regional / national regulations.

STORAGE

Store away from extremes of temperature in dry conditions. Use within 9 months of production date.