



CL – REPAIR LW108

LIGHT WEIGHT CEMENTITIOUS REPAIR COMPOUND

DESCRIPTION

CL – REPAIR LW108 is a one part polymer modified, chloride free light weight cement based repair compound that is designed to patch repair horizontal, vertical overhead concrete and cementitious structures.

FIXES

- Repair of cracks, voids, spalled and honeycomb areas in concrete and cementitious structures.
- Levelling and restoration of concrete and cementitious structure surface appearances.
- Can be used in vertical, horizontal and overhead applications.

FEATURES

- High compressive and flexural strength
- Good workability and good adhesion
- Non-sagging on vertical and overhead surfaces.
- Lightweight characteristic for overhead application
- Shrinkage compensated
- Minimize the risk of crack

TECHNICAL INFORMATION

Compressive Strength : > 25N/mm²
Flexural Strength : > 4 N/mm²
Tensile Adhesion Strength : > 0.8 N/mm²
Setting Time : 4 – 5 hours depending on climatic condition

SURFACE PREPARATION

Substrate to be repaired must be sound, clean and free from oil, grease, concrete release agent, laitance and any loose particles. Ensure there is no coating remained on the surface as it will reduce the adhesion of CL-Repair LW108 onto the substrate.

PRIMING

Saturate the substrate with clean water. Surface should be damp without free standing water before priming. Apply CL-Primer P1 by brush or roller at the coverage of 0.15 – 0.2kg per m². Proceed for repair application before primer becomes dry.

MIXING

Pour 5 ± 0.25kg of water into a suitable bucket. Add in 25kg of CL-Repair LW108 while stir with mechanical stirrer at low speed. Mix for about 3 minutes until lump free homogenous consistency is obtained.

APPLICATION

Apply CL-Repair LW108 onto primed surface while the primer is still wet using trowel or air spray at thickness of 1.5 to 5mm per coat. If further build up is required, repeat the application from priming after first coat is dry.

After application, while the spread mix has stiffened but not yet dried, the surface can be further smoothen by trowel. However, do not add in water to obtain the smoothness as it will cause colour differentiation.

To obtain optimum strength, apply curing compound CL-Cure C150 after the mortar is dry. Leave it dry for at least 14 days prior further application.

COVERAGE

Approximately 1.65 kg/m² @ 1mm thick

SHELF LIFE

12 months in unopened sacks, store under cool and dry condition.

PACKING

Available in 25kg bag.

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Disclaimer: Specification are subject to change without notification.

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