

LARPRUF CG

Larpruf CG is a simple brush or spray applied cementitious coating for waterproofing and protecting concrete, sand/cement render, brickwork, blockwork etc. using crystal growth technology. Surface applied, the active chemicals of Larpruf CG combine with water contained within the capillaries to form insoluble crystals which grow within the voids and become integral with the substrate concrete or masonry. By this chemical action Larpruf CG will seek out water within the structure even against high pressure, to seal and waterproof. Once treated, Larpruf CG will remain active for the lifetime of the structure.

New concrete or brickwork structures can be treated whilst still curing ('green' concrete or mortar is ideal). Larpruf CG assists in effectively curing concrete with a consequent increase in strength. Larpruf CG contains no harmful or corrosive chemicals that will attack the concrete or steel reinforcement, i.e. chloride free. Larpruf CG waterproofs, but is not a vapour barrier, thus substrates can 'breathe'. Larpruf CG is simple to apply and requires no protection below ground when back-filling.

WATERPROOF

VAPOUR PERMEABLE

EASY TO APPLY

HAIRLINE CRACKS SELF-HEAL

IDEAL FOR RENOVATING BASEMENTS

TECHNICAL INFORMATION

FORM: Grey Powder

WORKING TIME: 30 minutes at 20°C

MIN. APPLICATION TEMP: 5°C

Low temperature application will retard development of mechanical properties.

DENSITY: ~2 kg/litre

COVERAGE: Apply at a rate of 0.75kg/m²/coat. Apply 2 coats.

DIRECTIONS FOR USE:

PREPARATION

All surfaces to be treated must be clean and free from oil, grease dust and laitance. Any curing agents, surface hardeners or coatings must be removed prior to the application of Larpruf CG. High pressure water jetting including grit or grit blasting is recommended to remove such coatings of laitance. All cracks in excess of 250 microns should be cut out and made good. All surfaces must be hosed down periodically prior to application of Larpruf CG to ensure that the substrate capillaries are saturated, although the surface should only be damp with no surface water or ponding when Larpruf CG is applied. 'Live' leaks should first be repaired using Larsen Leak Plug.

PRIMING

Before the application soak substrates with clean water, and then remove all standing water.

MIXING

Mix approximately 6.5L - 7L water with a 25kg bag of Larpruf CG. Mix for 5 minutes with a slow speed drill and paddle. With insufficient mixing, the product will stiffen considerably after only a few minutes. If this occurs, the product should be re-mixed with a drill and paddle without adding further water. The resulting mix should be very fluid and will remain usable for approximately 30 minutes. Apply by brush or suitable airless spray.

CAUTION: On no account should additional water be added to restore workability.

APPLICATION

Larpruf CG is brush or spray applied onto a damp surface at 0.75kg/m². Apply two coats. Second coat to be applied before the first coat has fully hardened or dried.

PAINTING & DECORATING: Wait 7-14 days to allow the Larpruf CG to dry. Use cement based plasters where possible if a gypsum based plaster is used, use a Larcem 25 bonding coat. Remove any surface crystal growth by dry brushing. After drying a matt emulsion is recommended; avoid use of decorative finishes which are impermeable to water vapour.

CLEANING

All cleaning can be carried out with water while the material is still soft.

STORAGE

Store in closed containers in dry conditions protected from extremes of temperature.

SHELF LIFE

6 months in unopened manufacturer's containers.

PACKAGING

22.5 kg packs.