



SAFETY DATA SHEET (SDS)

CWM – SEALER

PRODUCT DESCRIPTION

CWM SEALER- is **not a surface coating**, rather a penetrating colorless, hydrostatic pressure sealer used for sealing stone prior to applying the Clear Waterproofing Membrane.

CWM Sealer is inorganic transparent liquid that is non-toxic, non-caustic, non-flammable, inorganic scientific formulation.

It permanently waterproofs, natural stone so water does not rise up and fail the waterproofing membrane. The scientific formula causes a reaction that solidifies the component parts of pre-cast block, masonry, concrete and cement mortars into a single mass making it waterproof, resistant to acid, oil, fuels, fats and grease. Increases the density of the substrate, increases wear capability, will prevent dusting, brick fretting, cracking, seepage.

APPLICATION FIELDS:

- All masonry construction old or new concrete, bricks, blocks, plastering/render.
- Above or below ground. Concrete floors, walls, terrazzo and most natural stone.
- New or old constructions affected by pollution, monuments, public buildings and roads, tunnels, basements, swimming pools decks, dams, subways.
- For sealing, not waterproofing Showers and other wet areas.

ADVANTAGES:

- ✓ Protects weak and old substrates.
- ✓ Prevents blistering and deterioration of paints, does not contain oils or solvents.
- ✓ Does not require special protection. Safe for the user and environment.
- ✓ Non-corrosive, non-toxic and non-flammable.

- ✓ NOT classified as hazardous material. Environmentally friendly.
- ✓ NO bonding problem for stone.
- ✓ NO harm to aluminum, glass, tiles etc.
- ✓ Permanent waterproofing, preservation and protection.

SURFACE PREPARATION:

NOTE; Installation instructions to be used in conjunction with the CWM (Clear Waterproofing Membrane) installation guide.

As per CWM (Clear Waterproofing Membrane) instructions, after the surface has been cleaned and prepared, including re-grouting, replacing popped tiles etc., the surface must be completely dry before application of the CWM Sealer and grouted surfaces must be fully cured prior to application.

SURFACE MUST BE COMPLETELY DRY AND FREE FROM DUST PRIOR TO APPLICATION.

APPLICATION:

CWM SEALER is applied by back-pack or hand-spray low-pressure spray operating at no more than 20 psi, ensuring a uniform and homogeneous coverage starting at the bottom, working across the surface and gradually working upwards. It is essential to saturate the substrate

Can be installed with brush or roller.

Allow **CWM SEALER** to cure and penetrate for a period of over 3 hours with a temperature of 26C and 50% relative humidity.

We recommend leaving this to dry overnight before applying Clear Waterproofing Membrane.



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PROCEDURE:

Ensure the surface is completely dry prior to application or Sealer will not work.

- 1) Vacuum the surface.
- 2) Always test a small area first to ensure satisfactory results.
- 3) Apply using a pump sprayer, paint pad applicator, lambswool applicator, sponge or brush.
- 4) Allow it to penetrate for up to 5 minutes, if surface is drying within 5 minutes, apply more sealer to keep surface wet for up to 5 minutes.
- 5) Wipe surface completely dry using clean, dry cotton, paper or microfiber towels after each application. Ensure no sealer is allowed to dry on the surface.
- 6) Porous surfaces may require additional applications.
- 7) Conduct a test to see if surface is completely sealed after 2 hours by applying drops of water on the surface. If it penetrates, an additional application is required.

CWM SEALER DRYING TIME:

- Allow 30 minutes drying time between applications when conditions are 20° Celsius & 70% RH. If temperatures are lower or humidity higher then these times may be longer. If unsure about the specific job site temperatures and conditions please contact one of our technical advisors.
- Ready for surface traffic in minimum of 2 hours.
- ❖ **Clear Waterproofing Membrane** can be applied over the surface after 3 hours but if you are unsure if your environment is conducive to drying then install the membrane the next day

CLEANING:

Clean tools and equipment immediately with water after use.

CAUTIONS:

- ❖ Apply with air and surface temperatures above 7 °C. in clear weather
- ❖ DO NOT apply to surfaces previously coated with silicone or solvent based materials.
- ❖ Will NOT fill missing mortar, holes or sizable cracks.
- ❖ If substrate will NOT ABSORB WATER or **CWM SEALER**, DO NOT APPLY.

Important CAUTION:

CWM SEALER is not a surface treatment but a concentrated saturant which will penetrate any porous surface. If the surface absorbs water it will absorb CWM SEALER

Should not be applied to any surface with a previous coating of silicone, siloxane or solvent-based material.

CWM SEALER IS A PENETRATING PRODUCT.

If you see that is not being absorbed, it should not be applied.

Select a small test area, if water/sealer does NOT penetrate the surface **DO NOT APPLY.**

If sealing grout lines, remove any overspray from surrounding areas immediately.

Any surface excess must be spread over other areas NOT saturated or removed using a sponge or mop within 3 minutes.

Any spillage, overspray or excess surface application or application to NON-Porous material (glazed tiles etc.)

MUST be removed immediately.