

CEMENT-BASED WATERPROOF COATING FOR INTERIOR AND EXTERIOR WALLS AND OTHER DAMP SURFACES

DESCRIPTION

- High-quality, porous coating made from white cement, modifiers and selected silica.
- Easy to apply, for waterproofing all problematic concrete walls.

APPLICATION

- Its specific composition ensures an optimum sealing of all rooms affected by water infiltration and damp.
- It forms a waterproof moisture barrier on all constructions located partly or fully underground.
- Both interior and exterior walls: cellars, foundations, ponds, water reservoirs, convection trenches, tunnels, etc.

CHARACTERISTICS

- Can be applied to damp surfaces.
- Ensures optimum sealing on the most common porous mineral construction materials such as cement and concrete blocks. As a result, it also forms a unique moisture barrier on floors and walls in sanitary facilities: bathrooms, showers, toilets before the application of decorative finishes: tiles, wall-to-wall carpet, parquet, etc.
- Do not apply on masonry.
- Thanks to its extraordinary adhesive strength, it even adheres to moist surfaces.
- **IKOpro Cellar Proof** becomes an integral part of the surface and resists both negative and positive hydrostatic ground water pressure both above and below ground.
- Despite being absolutely watertight, **IKOpro Cellar Proof's** micro-porous characteristics enable the substrate to "breathe" and for moisture to evaporate, thus preventing the build up of moisture behind the coating.

USE

1. Preparation of the surface

- Always work with a structurally sound, 100% clean, grease-free and absorbent surface and intensively remove all foreign substances which may prevent good adhesion – such as loose cement layers, paint, plasterwork, blisters,

salt deposits, oil, mould, etc. – with a high-pressure hose, wire brush, chisel or sand-blasting equipment.

- Rinse the prepared surface thoroughly with water to remove all remaining loose particles and dust.
- Mix **IKOpro Cellar Proof** with pure tap water (approx. 1 part clean water to 5 parts powder) and stir consistently until a smooth mixture is obtained. The correct consistency is obtained when the special cellar brush just remains upright when at an angle.
- Before starting, allow the mixture to rest for approx. 15 min before stirring thoroughly again. If mixing mechanically (400 to 600 rpm), the mixture should be ready for use immediately.
- Moisten the surface before applying.

2. Applying IKOpro Cellar Proof

- Apply in a cross pattern with the special brush.
- After approx. 24 hours, lightly moisten the surface again and apply a second layer (approx. 1mm). Avoid the formation of water drops on the surface when moistening.
- Do not mix more of the product than can be applied in approx. 45min (depending on the surrounding temperature) and avoid excessively rapid drying. The surface may need to be moistened in the meantime.

COVERAGE:

- 0,5-0,67 m²/kg = 1,5-2 kg/m² to achieve a thickness of 1mm.

PRECAUTIONS:

- Do not apply when room or underground temperature is below 5°C (also applies during hardening).
- For exterior applications, protect the coating from rain for approx. 24 hours.
- If **IKOpro Cellar Proof** is used to waterproof a drinking water reservoir, swimming pool or fish pond, the hardened coating must be washed with a salt solution (brine, 12.5% salt in water). Leave the brine solution on the floor and walls overnight. Then clean the surface with clean water. Repeat this process until the required pH level is achieved.

REMARKS:

- Treat your cellar when the water pressure is at its lowest in order to give the coating time to fully harden.
- Ensure sufficient ventilation during the hardening process.
- During hot and humid weather, condensation may form in poorly ventilated cellars.

CLEANING TOOLS:

- With water, immediately after use.

STORAGE:

- Store in a protected, moisture and frost-free place to guarantee a storage time of 1 year in unopened packaging.

PACKAGING:

- Tin of 25 kg



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