SEALEX®

Surface Sealant

RAMKA
CONSTRUCTION
CHEMICALS

SEALEX® polymer waterproofing mortar is a two-component waterproof coating with very high flexibility and long service life. It provides a very high level of impermeability and helps prevent cracking of the applied coating. Made from polymer-cement powder and styrene-acrylic adhesive, it has suitable resistance to freezing and damp conditions.

Applications

- Waterproofing surfaces in water and wastewater treatment plants.
- Waterproofing concrete tanks.
- Eliminating dampness in bathrooms and basements.
- Making concrete and cementitious surfaces impermeable.

Approvals / Standards

- ASTM D412
- ASTM D624
- ASTM D1149
- ASTM C836

Advantages / Benefits

- Suitable waterproofing for frequently used sections.
- Protects concrete surfaces against chloride ions.
- High adhesion to concrete surfaces.
- High flexibility.
- Resistance to freezing.
- Suitable resistance to gasoline, chlorides, and de-icing salts.
- Suitable strength against alkaline materials.

Guideline for Use

For application with fiberglass mesh: grind the substrate until it is free of irregularities; pre-wet the concrete surface; mix the powder and adhesive with an electric mixer at a 2.5:1 ratio; apply the waterproofing mortar to the concrete with a trowel; embed the fiberglass mesh in the applied layer and apply another layer in the same manner; prepare a new powder-to-adhesive mix at a 1:1 ratio and apply the final layer with a brush in perpendicular directions. If tile or ceramic is to be installed over the waterproofed surface, broadcast silica onto the wet final surface to provide the required mechanical key for the tile or ceramic bedding mortar.

Dosage

The average consumption of SEALEX polymer waterproofing mortar is 2 to 5 kg per square metre. The exact consumption must be determined according to project conditions through site trials.

Storage

+5 to +30 °C; keep away from moisture and direct sunlight.

Packaging

10 L pail / 25 kg bag

Shelf Life

One year from the production date in the original packaging.

Health and Safety

- This material is not hazardous to human health or the environment, but it must not be swallowed or allowed to contact the eyes.
- In case of accidental contact with skin or eyes, immediately rinse the affected area with plenty of fresh water.
- If swallowed, seek medical attention immediately.
- Refer to the Material Safety Data Sheet (MSDS).
- This material is non-flammable.

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