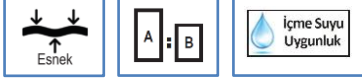


Hammerfast Pumix 206



Polyurethane-Based, Two-Component Waterproofing Material

Description

It is a polyurethane-based, two-component, solvent-free, flexible waterproofing material.

Advantages

- Has high adhesion strength.
- Long-lasting due to its flexible structure and does not crack.
- Easy to prepare and can be easily applied with brush, trowel, or spray.
- Forms a seamless and jointless permanent coating.
- Resistant to freeze-thaw cycles.
- Permeable to water vapor.
- Can be applied on horizontal and vertical surfaces.
- Suitable for applications over which coating materials will be installed.
- Has a long pot life.
- Not affected by temperature changes between -30°C and +90°C.
- Suitable for potable water tanks.

Application Areas

- Water tanks, indoor pools
- Horizontal and vertical surfaces
- Wooden, metal, and concrete substrates
- Indoor areas
- Outdoor areas provided that they are covered afterward.

Surface Preparation

The application surface must be clean, dry, smooth, and sound. Materials that may prevent adhesion (paint, bitumen, curing agents, oil, etc.) must be removed. Mortar and cement residues must be scraped off, and any surface defects must be repaired beforehand using suitable Grout or repair mortars. Cracks on the surface must be repaired with Hammerfast Polyurethane Mastic

Application

Add 1 kg of Component B into 5 kg of Component A and mix with a drill equipped with a mixing paddle at 300–400 rpm for 2–3 minutes until a homogeneous consistency is obtained. Apply with brush or roller in at least two coats. Can be applied without primer. Each coat should be applied perpendicular to the previous coat. Within 10 minutes after application, use a spike roller to remove air bubbles. Waiting time between coats should be at least 12 hours and at most 24 hours.

Consumption

~ 550–650 g/m² (for single-coat application). At least two coats must be applied.

Technical Properties

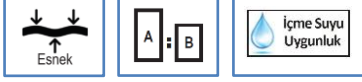
Color and appearance	Pool-blue liquid
Mixing ratio	A: 5 kg / B: 1 kg
Content	Polyurethane-based
Mixture density (A+B)	1.30–1.40 kg/L
Application temperature	+5°C to +30°C
Service temperature	-30°C to +90°C
Full curing time	3 days
Second coat application time	12–24 hours
Gel time	30–45 minutes

*Values were obtained at 23±2°C temperature and 50±5% relative humidity.

Precautions

- A protective coating should be applied in areas exposed to foot traffic or direct sunlight.
- Protect from sunlight, drafts, and frost for 3 days after application.
- Do not exceed the recommended application thickness.
- Do not add foreign materials.
- Fillets or fillet tapes should be used at movement joints, vertical and horizontal corners in wet area applications.
- Not suitable for negative water pressure.
- Do not apply on surfaces with a freezing risk within 24 hours, frozen surfaces, or surfaces where ice is melting.

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- Do not apply under direct sunlight, strong wind, or on hot substrates.
- Apply only within +5°C to +30°C temperature range.
- Protect the surface from water, rain, dew, frost, and snow until fully cured. Must not be exposed to water for at least 2 hours.
- Since the material does not have UV resistance, Hammerfast UVX UV-resistant protective paint must be applied in open areas or pools.

Storage and Shelf Life

When stored unopened in its original packaging, in dry and moisture-free environments, protected from direct sunlight, and between +10°C and +35°C, the shelf life is 12 months from the production date. The package must be tightly closed when not in use. Pallets must not be stacked.

Safety Precautions

- Keep out of reach of children.
- Do not swallow.
- Keep away from food.
- Do not inhale or allow contact with skin.
- May cause allergic reactions.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Use gloves, goggles, and protective clothing during application.
- Wash hands with plenty of water after application.
- For detailed safety information, read the Material Safety Data Sheet (MSDS)

Packaging

- Component A: 5 kg tin container
- Component B: 1 kg tin container

Tool Cleaning

All tools used should be cleaned immediately after application with aromatic solvent.