

TECHNICAL DATA SHEET

AQUA SHIELD HV



Promast Aqua Shield HV

Promast Aqua Shield HV is a MS Polymer based, single-component, environment-friendly, high-viscosity waterproofing sealant. It is preferred to repair and long-lasting protection in horizontal and vertical areas. Suitable to use for all seasons. Promast Aqua Shield HV does not contain solvents, isocyanates, or bitumen.



TECHNICAL DATA

■ Basis	MS Polymer
■ Consistency	Stable Paste
■ Curing System	Moisture Curing
■ Tack-Free Time	Ca. 60 mins
■ Skin Formation Time* (20°C / 65% R.H)	Ca. 20 mins
■ Density	1,41± 0,05 g/ml
■ Temperature Resistance	-40 °C → 90 °C
■ Max. Tension (DIN 53504)	1,20 N/mm ²
■ Elogation at Break (DIN 53504)	%300
■ Application Temperature	5 °C - 35 °C
■ Viscosity	250.000 CPS
■ Shelf Life	15 Months

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

APPLICATIONS AREAS

- All vertical and horizontal areas of; Indoor and outdoor applications,
- Wet areas where underfloor waterproofing is needed / In wet underfloor waterproofing applications under the building,
- Terraces,
- Balconies,
- Roofs,
- Bridges and concrete areas where movement is experienced,
- Concrete cracks,
- Water tanks...

SPECIFICATIONS

- It's applied with the help of a brush, trowel, or spatula.
- Prolonged elasticity.
- Penetrates deep gaps.
- Cures 30 minutes after application - no loss of volume with time.
- It does not contain any hazardous chemicals; it's odorless.
- Suitable for indoor and outdoor use.
- Not affected by surface moisture during curing does not bubble.
- It has excellent UV resistance.
- Good performance in harsh weather conditions.
- It has a concrete color with an over-paintable feature.

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REMARKS

- Promast Aqua Shield HV may be overpainted with water-based paints; however, we strongly suggest a compatibility test before the application due to the many colors and varnishes available.
- The drying time of alkyd resin-based paints may increase.
- Promast Aqua Shield HV can be applied to a wide variety of substrates. • However, we recommend a preliminary compatibility test because specific substrates, such as plastics, polycarbonate, etc., may differ from manufacturer to manufacturer.
- Promast Aqua Shield HV can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Promast Aqua Shield HV has good UV resistance but can discolor under extreme conditions or after very long UV exposure.
- Discoloration may occur due to chemicals, high temperatures, and UV radiation. However, a change in color does not affect the technical properties of the product.

CHEMICAL RESISTANCE

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

SURFACE PREPARATION

- Aqua Shield HV is ready to use.
- Non-porous surfaces should be cleaned with a solvent-based cleaner before starting the application.
- Make sure the solvent evaporates before applying the product. The benefit of masking tape could be used for critical areas.
- A liner is not needed before the application.

APPLICATION METHOD

Method: a brush, a trowel, or a spatula

Application Temperature: Between +5C to +35C

PACKAGING

14 kg bucket inside 2x7kg aluminum foil bags

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

COLOR



Concrete Grey



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