

AWAZEL SEALFLEX

High Performance, Two-Part, Polymer Modified Waterproofing Liquid Membrane
Compliance : EN 1504-2

REF: AWSF-REG-ST-0422

THIS PRODUCT

AWAZEL SEALFLEX is a flexible two-component, brush-applied, crack-bridging sealing liquid membrane used for a comprehensive waterproofing of various substrates inclusive of concrete slabs, brickwork, plaster, and generally mineral construction materials. AWAZEL SEALFLEX is ideal for waterproofing substrates that susceptible to hair cracks due to thermal contractions-expansions movements under tiles on balconies, terraces, pools and bathrooms, inverted insulation roofs, walls and floors of basements, tanks, tunnels, foundations, and canals. AWAZEL SEALFLEX guarantees complete waterproofing under positive or negative hydrostatic pressure and the surface stays vapor permeable. AWAZEL SEALFLEX is fast to install, supplied in ready-to-mix two-part packs yielding high coverage over substrates.

USES

- Balconies
- Terraces,
- Plaza decks
- Swimming pools
- Potable water tanks
- Swimming pools
- Wet areas
- Basements
- Waterproofing within an insulated roofing system
- Waterproofing with AWAZEL's COMBOGUARD roofing system
- Cellars
- Tanks
- Tunnels
- Foundations
- Walls
- Brick or cement block structures
- Elevator shafts

STORAGE & HANDLING

- Material should be stored in a properly ventilated areas
- Preferably in shaded, low-moisture covered locations . protected against ice, high temperature and exposure to direct sunlight .

FEATURES & ADVANTAGES

- VOC compliant
- Vapour permeable
- Anti-bacteria
- Durable and reliable protection of substrates
- High crack-bridging ability
- High bond strength
- UV resistant
- Resistant to fungus and microorganismsExcellent Thixotropy
- Primerless over non-porous substrates
- UV resistant and high temperature tolerant
- No bubbling or swelling after curing
- Excellent adhesion to almost all types of substrates
- Excellent chemical resistance

SUPPLY PACKAGING

- 16.98 Kg powder
- 5.1 Kg emulsion

CONSUMPTION

- 1.0 - 1.30 Kg/m²/coat

SHELF LIFE

- 12 months from production date when stored under recommended conditions.

TYPICAL INSTALLATION PROCEDURES

- Add part "A" to part "B" and mix for 3 minutes with a slow-speed rpm mixer
- During summer season, keep surfaces lightly damp by spraying water for a couple of days after application.
- Apply the product using roller brush, or spatula cross wise in two or more coats. The second coat can be applied 5 – 10 hours after the first coat has fully cured. Each coat should not exceed 1-2 mm thickness.
- Where required, apply a third coat in the same fashion
- When installed under tiles, we recommend using tile adhesive for non-absorbent substrates.
- When installed under plastering we recommend making the plaster elastic using suitable improver emulsion (diluted SBR emulsion).



This product is manufactured under ISO9001 /45001 /14001 management systems for Quality, Environment , Health & Safety

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CHARACTERISTICS

PROPERTY	TYPICAL RESULTS
Water vapor permeability	SD = 0.8 (class I Sd < 5m)
Capillary water absorption	(kg/m ² . h ^{0.5}) <0.1
Bond Strength to concrete (28 days)	>1.0 (N/mm ²)
Static crack bridging @20°C (EN 1062-7)	Class A2
Dynamic crack bridging @ 20 °C	Class B3 EN 1062-7 (reinforced with fiberglass mesh)
Tensile strength (ASTM D412)	0.8 ± 0.2 MPa
Water absorption	3.27 %
Adhesion to concrete	0.8 ± 0.2 MPa
Flashpoint	> 100 °C
Minimum application temperature	5 °C
VOC content (USEPA 24)	<1.0 g/L
Flammability	Non-flammable

NOTES:

(1) Above values are subject to internationally recognized standards tolerance.

(2) The above information are provided to the best of our knowledge at the time of manufacturing. Values may vary within tolerance due to raw material changes and/or unforeseen circumstances.

(3) AWAZEL Company reserves the right to alter the product's specification without prior notice. Extra details maybe provided upon request.

HEALTH & SAFETY

- Wear gloves, goggles, and a dust masks during mixing and installation.
- Inhalation of dust must be avoided whilst mixing.
- Contains alkalis. Protection should be provided to prevent contact with skin and eyes. **Eye contact:** Rinse with abundant amounts of clean water and seek medical attention. **Skin contact:** Rinse with abundant amounts of clean water followed by thorough cleaning with soap and water.

SUPPLY & PRESENTATION

ATTRIBUTE	RESULT
Supply form	PART A: cement-based powder packed in paper bags, PART B: emulsion packed in jerricans.
Colours	Grey, Off-White
Pot life	45 @ 25 °C
Maximum coat thickness (2-3 coats)	≤5 mm
Minimum coat thickness (2-3 coats)	≥ 2 mm



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