SANTEC
BUILD WITH CARE

PACK 3 kg | PACK 15 kg

TECHNICAL DATA SHEET

Santec

2K Acrylic Waterproof

Two-component acrylic-modified membrane that brushes on as a seamless, breathable waterproof coating.



Excellent Bonding | Waterproofing | Crack Filling

1 mm	30 min	1 N/mm²	Non-toxic
TOTAL, IN 2 COATS	POT LIFE @ 25 °C	ADHESION TO CONCRETE	SAFE FOR WATER TANKS

01 Product Description

Santec 2K Acrylic Waterproof is an acrylic-modified membrane made of Santec 2K Acrylic Powder and Santec 2K Acrylic Liquid. Mixed in the given ratio, they form a brushable coating. The built-in polymer gives excellent surface bonding and makes the surface waterproof.

Recommended: use a fibre net with the coating.

02 Uses

- Applied directly on damp concrete and masonry
- Excellent for basements
- Non-toxic, ideal for potable water tanks
- Good resistance to CO_2 and chloride-ion diffusion

03 Suitable Surfaces

Concrete | Screed | Plaster | Masonry

04 Features & Benefits

- Seamless waterproof coating
- Long-lasting barrier
- Tough and durable
- Breathable
- Excellent adhesion
- Easy to mix and prime

05 Surface Preparation

- The surface must meet building-construction principles and structural requirements, including proper slopes on roofs so water does not pool.
- Fill any cracks properly and treat expansion joints as per the construction specification.
- The surface must be free from dust, oil, grease and any other contamination.
- Suitable for concrete, screed, plaster and masonry.

06 Mixing & Application

Pack ratio by weight

Mix at 350 – 400 rpm

PART A	PART B
1 part	2 parts

1 — Liquid first
Pour the liquid into a clean HDPE container.

2 — Add powder
Add the powder gradually while mixing at slow speed (350 – 400 rpm).

3 — No lumps
Mix without lumps. Add a little water if needed to reach a brushable consistency.

4 — Prime
Applying a Santec Primer Coat first is recommended.

5 — Moisten
For best results, moisten the surface before coating.

6 — First coat
Apply with a stiff-bristle brush.

7 — Second coat
Apply as soon as the first coat is touch-dry.

8 — Thickness
Two coats together should reach a total of 1 mm.

Pot life is 30 minutes. Mix only what you can apply in that time.

07 Application Conditions

10–40 °C	≤ 80 %	≤ 5 %	+3 °C	None
Recommended ambient temperature	Relative air humidity	Residual moisture of substrate	Substrate above dew point, max. 50 °C	Rising moisture or osmosis problems

08 Technical Data

PROPERTY	VALUE
Base	Acrylic-modified, 2 components
Aspect	Liquid + powder
Colour	Part A milky white · Part B grey
pH	N/A

PROPERTY	VALUE
Pot life @ 25 °C	30 min
Adhesion to concrete	**1 N/mm²**
Total thickness	1 mm in 2 coats
Toxicity	Non-toxic

09 Consumption

110–120 m² **per 28 kg** on any suitable surface

Data is a guideline only. Physical values are subject to normal manufacturing tolerances, colour and testing variances. Coverage figures are theoretical and do not allow for extra material needed due to surface porosity, profile, level variations or wastage.

10 Storage & Shelf Life

Keep in a cool, well-ventilated area. For best results, use within **7 days of opening** to avoid possible spoilage.

For product expiry information, refer to the product packing.

11 Packaging

3 kg	Part A	1 kg
	Part B	2 kg
15 kg	Part A	5 kg
	Part B	10 kg

Before you start: always test on a small area first and allow a 24-hour cure to confirm ease of application and the desired finish.

12 Annotations

- While coating, the work must not be affected by water from the top or the negative side.
- High humidity leads to longer curing time.
- Avoid direct sunlight during application.
- Use a good-quality brush, sponge, scrubber or white cotton cloth to avoid surface damage from discolouration.
- Clean the inner and outer surfaces of tools (spray pumps, water jets, mixers, grinders) to avoid damaging the surface and material.

13 Precautions & First Aid

⚠ **Wear protective clothing, gloves and eye goggles during application.** Avoid contact with eyes and skin. Keep out of reach of children. Not for internal consumption.

Handling

- Apply between 5 °C and 35 °C.
- Use only in well-ventilated areas.
- Wash hands thoroughly after applying.

Accident & Spillage

- Accident: use water spray.
- Spillage: take up mechanically or with absorbent material.

First Aid

- If swallowed, contact a physician.
- Skin: wash with water; remove contaminated clothing.
- Eyes: hold open, flood with water for at least 10 min and contact a physician.

14 Notes

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