SANTEC
BUILD WITH CARE

PACK
20 kg

TECHNICAL DATA SHEET

Santec

Bitumen White

White, solar-reflective liquid waterproofing membrane that is highly elastic and helps keep the space below cooler.



Solar Reflective · Highly Elastic · UV Resistant

30–35 sq ft	1 : 2	2	12 months
PER KG, 2 COATS	PRIMER, PRODUCT : WATER	TOP COATS	SHELF LIFE, SEALED

01 Product Description

Santec Bitumen White is a single-component waterproof coating for new and old surfaces. It is made from specially developed, highly elastic, resilient synthetic polymers with additives for durability, superior wetting and strong adhesion.

> **Cooler spaces:** the white, reflective finish resists UV and helps keep the space below cooler.

02 Areas of Application

- All types of roofs: asphalt, asbestos, cement, concrete and terrace tiles, horizontal or inclined
- Roof slabs, terraces, balconies, sunshades and parapet walls
- Intermediate coat in brickbat or PIS flooring

03 Features & Advantages

- Excellent flexibility
- Thixotropic, no sag on vertical surfaces
- Excellent UV resistance and solar reflectivity
- Cooling effect from its reflective finish
- For vertical and horizontal surfaces
- Resists oxidation, UV and ozone
- Durable bond, resists peeling and chipping
- Elastic, rubber-like, impervious membrane
- Withstands movement, resists cracking
- Single pack, economical, pollution-free

04 Where to Apply

Roofs	Terraces & balconies	Sunshades & parapets	Brickbat / PIS floors

05 Surface Preparation

- All surfaces must be **dry** and free from oil, grease, loose particles, decayed matter, moss, algae and laitance.
- Wire-brush or shot-blast where needed, then vacuum up all loose material.
- Fill all surface cracks with a polymer-modified repair mortar.
- For wood and metal roofs, use a suitable special primer.

06 Mixing & Application

Self-priming system

Brush or roller · thin with clean water only

STEP 1 · PRIMER COAT
1 : 2 product : water

- Dilute with clean potable water at 1 : 2.
- Apply one coat on the well-prepared surface.
- Let the primer dry completely.

STEP 2 · TOP COATS
2 coats

- Apply 2 coats of Santec Bitumen White.
- Apply the second coat only after the first has fully cured.

DILUTION FOR WORKABILITY
20 % · 10 %

- Up to 20 % water for the first coat.
- Up to 10 % water for the second coat.
- Clean brushes and tools with water after use.

07 Conditions & Limitations

5–35 °C	Dry	No rain	Water	Brush
Application temperature	Surface must be dry	Do not apply when rain is expected	Thin with clean water	Or roller application

08 Technical Data

PROPERTY	VALUE
Appearance	White viscous liquid
Brushability	Easy to brush
Thinning	Clean water
Pack size	20 kg

PROPERTY	VALUE
Primer dilution	**1 : 2 product : water**
Top coats	2
Coverage	30 – 35 sq ft per kg, 2 coats
Shelf life	12 months, sealed

Test values to be confirmed:

Solid content · Viscosity · Specific gravity · Elongation · Tensile strength · Hardness (Shore A) · Drying time @ 25 °C · Pull-off strength · Water permeability · Adhesion strength

09 Coverage

30–35 sq ft **per kg**
in 2 coats, after self-priming

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

10 Packaging

20 kg

Pack	**Bucket**
Component	**Single**

11 Storage & Shelf Life

12 months in the original sealed pack under ideal storage conditions.

Keep in a cool, dry, well-ventilated place, away from direct sunlight and frost.

12 Precautions & Annotations

- Do not apply on wet surfaces or when rain is expected.
- Use hand gloves, goggles and a mask during application.
- For eye or skin contamination, wash well with soap and cold water and seek medical advice as needed.
- Use a good-quality brush, sponge, scrubber or white cotton cloth to avoid damaging the surface.
- Clean the inner and outer surfaces of tools (spray pumps, water jets, mixers, grinders) to avoid damage to the surface and material.

13 Health & Safety

⚠ **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 soap and 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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