

PRODUCT DATA SHEET

DESCRIPTION

SOPRASEAL® PU NUV 100 is a one-component high build polyurethane polymer based elastomeric coating. The dry film possesses superior physical properties. The dry membrane is watertight, suitable for wet areas, roofs, terraces, balconies and damp-proof coating for foundations.

SOPRASEAL® PU NUV 100 is a non-uv membrane utilizes the latest in polyurethane technology to perform as a Waterproofing membrane with excellent durability even in high temperature.

STORAGE & HANDLING

SOPRASEAL® PU NUV 100 should be stored away from the source of ignition. Wear necessary Personal Protective Equipment. Partly used material should be placed in a sealed container and stored in a well-ventilated area. Open containers should be kept tightly closed, away from fire or open flame.

USER APPLICATION

SOPRASEAL® PU NUV 100 is used in various applications for superstructure (wet area, roof and podium). All the application guidelines are described in SOPREMA's Technical Manuals in force.

ADVANTAGES

- One-component ready to use
- Formulated to withstand harsh Middle East climate
- Non-flammable
- Non-hazardous
- Highly elastic
- High crack building capability

HEALTH, SAFETY & ENVIRONMENT

The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

QUALITY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality Management Systems in line with ISO 9001:2015.

COMPOSITION & PACKAGING

PROPERTY	SOPRASEAL® PU NUV 100
Appearance	Thixotropic coating
Curing time	7 days
Solid content	70 % ± 5
Colour	Off white
Application temperature	5 °C to 50 °C
Yield	20 L
Coverage	18 - 20 m ² / pail @ 1 mm

TECHNICAL PROPERTIES

PROPERTIES	STANDARDS	SOPRASEAL® PU NUV 100
Density	ASTM D1475	1250 ± 50 kg / m ³
Elongation	ASTM D412	> 220 %
Crack bridging ability	ASTM C836	2.50 mm
Tensile strength	ASTM D412	> 1 N / mm ²
Shore A hardness	ASTM D2240	70 ± 5
Service temperature		-5 °C to 70 °C

*Note: All products manufactured by SOPREMA comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.
Data is represented by average values, unless noted otherwise.
All values are nominal, level ± 20 %*

TESTING AND CERTIFICATIONS



SUSTAINABILITY AND ENVIRONMENT

