

PRODUCT DATA SHEET

TECHNICAL DATA SHEET 712201ME001
SUPERCEDES TECHNICAL DATA SHEET SSPUGP100_200601SME1E001

DESCRIPTION

SOPRASEAL® PU GP 100 is a single-component, crack-bridging, high build polyurethane polymer based elastomeric coating that forms a seamless, durable, tough, highly flexible and weather resistant film when properly applied. The dry film exhibits superior physical properties. SOPRASEAL® PU GP 100 is a UV resistant liquid membrane with excellent durability to withstand harsh weathering conditions. SOPRASEAL® PU GP 100 is applicable to use over various substrates such as concrete, cement tile and terrazzo tiles.

STORAGE & HANDLING

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

ADVANTAGES

- Single component
- High crack bridging capability
- Non-Flammable
- Non-Hazardous
- Durable
- Highly elastic
- UV Resistant
- VOC Compliant



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 GP 100
Packaging	20 L Pail
Appearance	Thixotropic
Theoretical coverage	1 L / m ² / 2 coats (1 mm WFT)
Colour	White (Other colours are available upon request)

TECHNICAL PROPERTIES

PROPERTIES	STANDARDS	SOPRASEAL® PU GP 100
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
Density	ASTM D1475	1300 ± 50 kg / m ³
Solid content		70 % ± 5
Fire classification	ASTM D4102	B2
Service temperature		(-5) °C to - (90) °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

