



## PRODUCT DATA SHEET

TECHNICAL DATA SHEET 822101ME001

SUPERSEDES: TECHNICAL DATA SHEET SJPVC-200415IE001

### DESCRIPTION

SOPRAJOINT® PLUS 320 is a jointing membrane designed for sealing expansion joints of buildings and civil engineering structures. SOPRAJOINT® PLUS 320 is a fatigue-resistant membrane designed to withstand the pressure and accommodate for the projected movement and elongation at the expansion joints. SOPRAJOINT® PLUS 320 is multi-directional and suitable to use in expansion joint treatment overlapped with SOPREMA's PVC or SBS waterproofing membranes where the membrane could be heat welded over the SOPRAJOINT® PLUS 320 flanges without losing its integrity nor stability. SOPRAJOINT® PLUS 320 allow movement in the three (3) axis (horizontal, vertical and shear) at the same time adapting to various configurations and can fit in 90-degree, angled, cross, T-shaped and curved transitions, as well as continuously in other directions.

### STORAGE & HANDLING

Rolls must be stored in upright position, with selvedge side on top to prevent damage. Store rolls in a clean dry location and cover as necessary to protect from any environmental impact such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of SOPRAJOINT® PLUS 320.

### USER APPLICATION

SOPRAJOINT® PLUS 320 can be used in single ply or 2-ply, vertically and horizontally in substructure and superstructure applications. All the application guidelines are described in SOPREMA's Technical Manuals in force.

#### ADVANTAGES

- Durable
- Accommodates multiple direction movement
- Dimensionally stable
- Corresponds to temperature fluctuation
- Thermofusible
- Resistant to chemicals
- Safe and hot-air weldable

### 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	SOPRAJOINT® PLUS 320	
	PVC	TPE
Thickness	5.2 mm	5.2 mm
Length	25 LM	25 LM
Width	320 mm	320 mm
Colour	Orange	Black

## TECHNICAL PROPERTIES

PROPERTY	STANDARDS	SOPRAJOINT® PLUS 320 PVC	STANDARDS	SOPRAJOINT® PLUS 320 TPE
Specific gravity	ASTM D 792	1.54 ± 0.02 g / L	ASTM D 792	0.89 ± 0.02 gm / cc
Hardness (shore A)	ASTM D 2240	70 to 90	ASTM D 2240	80° ± 3°
Tensile strength	ASTM D 638	10.0 N / mm <sup>2</sup>	ASTM D 412	8 ± 2 N / mm <sup>2</sup>
Elongation at break	ASTM D 638	220 %	ASTM D 412	490 ± 100 %
Water absorption	ASTM D 570	Negligible	-	-
Chemical resistance	ASTM D 543	Resistant to solutions of inorganic acids, alkalis and salts	-	-
Thermal stability at 200 °C	-	40 (minutes)	-	-
Tear strength	-	-	ASTM D 624	47 ± 3 kN / m

*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.*

## TESTING AND CERTIFICATIONS



## SUSTAINABILITY AND ENVIRONMENT

