

FLAGON IC JOINT

TECHNICAL DATA SHEET

ANZ-TDS-109-FLAGON IC JOINT



ACCESSORY
PRODUCTS

APPLICATIONS

CIVIL WORKS

FOUNDATIONS

DESCRIPTION

FLAGON IC JOINT is a waterstop extruded from high-quality raw materials. It is used at construction joints, around the piles, at termination or to isolate critical areas to prevent the risk of increased water through the structure. **FLAGON IC JOINT** comes in a transparent customised profile, easing the installation process to the membrane.

FLAGON IC JOINT is used with SOPREMA's FLAGON BSL systems to form consistent compartments bonding to structural concrete and allowing for limiting leak repairs and pre-injection works if required.

Due to its nature as a Thermoplastic Elastomer, **FLAGON IC JOINT** has good elongation properties, as it is responsive to a wide range of temperature fluctuations. It is resistant to deformation and able to recover its original size.

Flexibility at low temperatures

High puncturing resistance

Rot-proof

Excellent weldability

FIELD OF APPLICATION

- Tunneling
- Foundations
- Other civil works

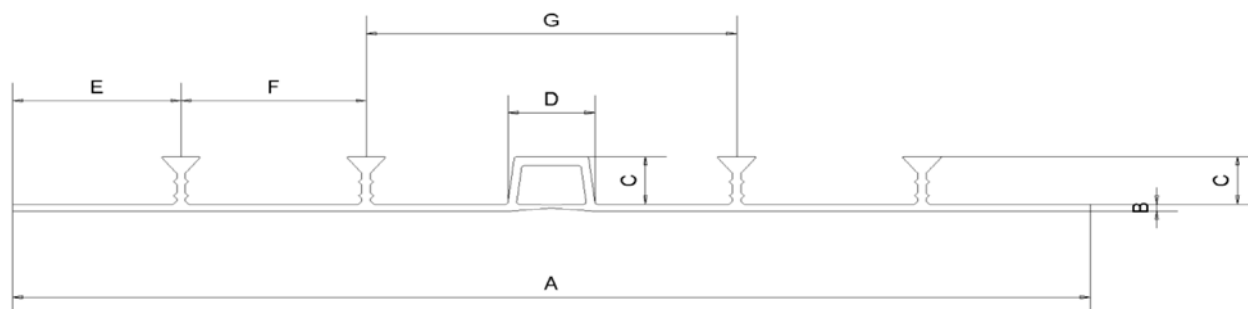
APPLICATION METHOD

FLAGON IC JOINT is welded to FLAGON BSL membranes using a hot air welder.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

SPECIFICATIONS	FLAGON IC JOINT
Thickness	2.6 mm
Width	320 mm
Length	25 m
Colour	Transparent
Rolls per pallet	4



A	B	C	D	E	F	G
320	2,6	17,0	25,8	50	55	110



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PROPERTIES

SPECIFICATIONS	STANDARDS	FLAGON IC JOINT
Weight density	ISO 1183	$1,20 \pm 0,02 \text{ g/cm}^3$
Hardness (Shore A)	ISO 868	68 ± 2
Breaking strain	ISO 527	$350 \pm 30 \%$
Tensile strenght	ISO 527	$16,5 \pm 3 \text{ MPa}$
Cold flex at 930 Mpa	ISO 458/2	$-51 \pm 4 \text{ }^{\circ}\text{C}$

STORAGE AND HANDLING

SOPRAJOINT TPE should be stored away from any potential source of ignition. Adequate ventilation must be secured. Sheets should be stacked properly away from any source of damage, contamination or direct sunlight.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative or the contractor is responsible for checking the suitability of products for their intended use.



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