



TECHNICAL DATA SHEET

RAM Culvert Tape

DESCRIPTION

RAM Culvert Tape is a thick and robust membrane which is applied to precast elements including box culverts to seal joints and make them one hundred percent waterproof. The RAM Culvert Tape is traditionally used with the FlexiSeal Primer to promote better adhesion.

RAM Culvert Tape is made up of a self adhesive SBS compound protected by a high density HDPE backing. The tape has an integral hi-tensile, cross laminated HDPE backing which imparts high mechanical strength, impact resistance and controlled elasticity/ hoop tension.

ADVANTAGES

- A one tape solution
- Excellent Abrasion Resistance
- The HDPE Backing resists punches and tears
- A permanent waterproofing membrane
- Tenacious adhesion

CHARACTERISTICS

RAM Culvert Tape is engineered for toughness, conformability and controlled elasticity; the tape exhibits flexibility during application, permitting the installer to achieve a tight fitting, self sealing sheath over the substrate.

APPLICATION

RAM Culvert Tape can be applied by machine or by hand, minimal tension is required to achieve intimate contact between substrate and coating.

PRODUCTION

RAM Culvert Tape is produced in one of the newest and most modern plants in the world. The quality control department constantly and continuously monitors the raw materials, the production and packaging in order to ensure a high quality product.

Sizes, article and batch numbers are indicated on each carton.

PRODUCT PROPERTIES**RAM Culvert Tape**

Physical Properties	Test Method	Typical Value
Total thickness	ASTM D 1000	1.65 mm
Bituminous Butyl Adhesive Thickness	ASTM D 1000	0.95mm
Backing Thickness	ASTM D 1000	0.70mm
Width	-	50 -900 mm
Length	-	10 m
Backing colour	-	Black
Breaking strength	ASTM D 1000-10	16/N/mm
Adhesion to primed steel	ASTM D 1000-10	3.4N/mm
Elongation	ASTM D 1000-10	>250%
Tensile strength	ASTM D 1000	12N/cm
Cathodic Disbondment	ASTM G8	10mm radius
Impact resistance	ASTM D G14	14 Nm
Dielectric Strength	ASTM D 1000	40 kV
Application Temperature		+5 °C to + 80 °C
Service Temperature		-20 °C to + 80 °C
Water Vapour Transmission	ASTM E96	0.06g / m ² /24h
Water Absorption	ASTM D 570	0.1%
Volume Resistance	ASTM D 257	10 ¹⁵



AUSTRALASIAN INDUSTRIAL WRAPPINGS AND COATINGS PTY LTD
49 JEDDA ROAD PRESTONS 2170 NSW AUSTRALIA

Tel : +61 2 9608 8111

Fax : +61 2 8783 7055

Email: enquiries@aiwc.com.au

Web: www.aiwc.com.au

