

ANTIROCK

ANTIROCK STARTER

TECHNICAL DATA SHEET APTDS-E-89-01



WATERPROOFING

APPLICATIONS

BRIDGE

DESCRIPTION

ANTIROCK and ANTIROCK STARTER waterproofing membranes are composed of SBS modified bitumen and a non-woven polyester reinforcement. Its top face is covered with mineral granules and its underface is protected by a thermofusible plastic film.

ANTIROCK and ANTIROCK STARTER membranes are designed to waterproof bridges.

ANTIROCK STARTER is a membrane with a selvedge of 75 mm (3 in) on each side. Its used as a starting membrane with **ANTIROCK** membrane.

INSTALLATION

HEAT-WELDED

ANTIROCK and ANTIROCK STARTER are mechanically installed (Macaden, Mini-Macaden) or heat-welded with a propane torch.

They must be installed by thermofusion on dry and clean surfaces previously primed with **ANTIROCK PRIMER** or **ANTIROCK EMULSION PRIMER**.

Side lap joints must be a minimum of 75 mm (3 in) and end lap joints must be a minimum of 150 mm (6 in).

Decks that are to be waterproofed with membrane must conform to the specified surface profile (CSP) of 3-5 of the International Concrete Repair Institute (ICRI). Shotblasting with steel balls is recommended over the entire surface.

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

PACKAGING

Specifications	ANTIROCK	ANTIROCK STARTER
Thickness	4.5 mm	
Reinforcement	Non-woven polyester	
Dimensions	8 x 1 m (26 x 3.3 pi) 200 x 1 m (656 x 3.3 pi) *	8 x 1 m (26 x 3.3 pi)
Weight	45 kg (99 lb) 1150 kg (2 535 lb)	45 kg (99 lb)
Selvedge width	75 mm (3 in)	75 mm (3 in) each side
Surface	Granules : Grey	
Underface	Thermofusible plastic film	

(All values are nominal)
* On order only



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PROPERTIES

Properties	Standards	ANTIROCK / ANTIROCK STARTER
Stain energy, MX/XD	CAN-CSGB-37.56-M 9TH draft	9.0 / 7.0 kN/m
Breaking strength	CAN-CSGB-37.56-M 9TH draft	17.0 / 12.5 kN/m
Tensile strength	ASTM D5147	17.0 / 11.5 kN/m
Ultimate elongation, MD/XD	CAN-CSGB-37.56-M 9TH draft	60 / 65 %
Elongation at maximum load, MD/XD	ASTM D5147	50 / 65 %
Cold bending	CAN-CSGB-37.56-M 9TH draft	- 30 °C
Low temperature flexibility	ASTM D5147	- 20 °C
Static puncture	CAN-CSGB-37.56-M 9TH	400 N
Static puncture	ASTM D5602 modified	215 N

(All values are nominal)

STORAGE AND HANDLING

Rolls must be stored upright, with the selvedge side on top. If the product is stored outdoors, cover them with an opaque protective cover after the removal of the delivery packaging.

