

# ANTIROCK® ANTIROCK STARTER

SBS-Modified Bitumen Membrane



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PD10259 - REV.220517

## QUICK FACTS:

ASTM STANDARD	LENGTH (ft)		WIDTH (in)	COVERAGE* (ft <sup>2</sup> )		THICKNESS (mils)	ROLL WEIGHT (lb)		ROLLS/PALLET** (pallet weight)
<b>D6164</b> Type 1, Grade G	<b>26.2</b> (8.0 m)	<b>656</b> (200 m)	<b>39.4</b> (1.0 m)	<b>78</b> (7.2 m <sup>2</sup> )	<b>1988</b> (184.7 m <sup>2</sup> )	<b>177</b> (4.5 mm)	<b>124</b> (56.2 kg)	<b>2535</b> (11510 kg)	<b>20</b> (2,530 lb/ 1,147 kg)

\* Coverage rate as reported assumes installation using side and end lap recommendations.

\*\*For 26.2 ft (8.0 m) rolls only.

## PRODUCT NUMBERS:

- 01715 - ANTIROCK®
- D01709 - ANTIROCK® Starter

## DESCRIPTION:

**ANTIROCK and ANTIROCK Starter** are SBS-modified bitumen membranes designed to waterproof bridge decks.

**ANTIROCK** is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with tough, dimensionally stable non-woven polyester mat. The topside is surfaced with ceramic coated granules and the underside is surfaced with polyolefin burn-off film to facilitate heat welding. **ANTIROCK Starter** is used as a starting membrane for **ANTIROCK** and has a with a selvedge of 3 in (75 mm) on each side.

## STORAGE:

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean, dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat or moisture. Monitor varying environmental conditions during storage, handling and application of **ANTIROCK**.

## APPLICATION:



HEAT-WELDED

**ANTIROCK AND ANTIROCK Starter** are mechanically fastened (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 3 in (75 mm) and end lap joints must be minimum of 6 in (150 mm). Decks that are to be waterproofed with membrane must conform to the specified surface profile (CSP) of 3-5 of the International Concrete Repair (ICRI). Shotblasting is recommended over the entire surface. Refer to SOPREMA's ANTIROCK specifications for additional application guidelines.

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## SHEET PROPERTIES

Reinforcement	Non-woven polyester
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Ceramic coated granules
Back surfacing	Sanded
Selvage surface	Sanded
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

## DIMENSIONS & MASS

PROPERTY		TEST METHOD
Thickness, mils (mm)	157 (4.0)	ASTM D5147
Thickness @ selvage, mils (mm)	130 (3.3)	ASTM D5147
Net mass per unit area, lb/100ft <sup>2</sup> (g/m <sup>2</sup> )	107.5 (5250)	ASTM D5147

## PHYSICAL PROPERTIES

PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	160 (28.0)	110 (19.3)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	30	35	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	135 (23.6)	100 (17.5)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	55	60	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	60	75	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	165 (734)	120 (534)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	< 0.5	< 0.5	ASTM D5147
Compound stability, °F (°C)	240 (116)	240 (116)	ASTM D5147
Granule embedment, g	< 1.5 avg; 2.0 max for SG		ASTM D5147

\* Data is represented by average values, unless noted otherwise.