

# ATTACHMENT 2



# IKO® COMMERCIAL

## Armourbond Flash Sand

SELF-ADHERING  
BASE SHEET FLASHING

STOCK# 7920020

ROLLS PER PALLET: 30

PALLET SIZE: 132 cm x 112 cm

(52 in x 44 in)

LENGTH: 15 m (49 ft)

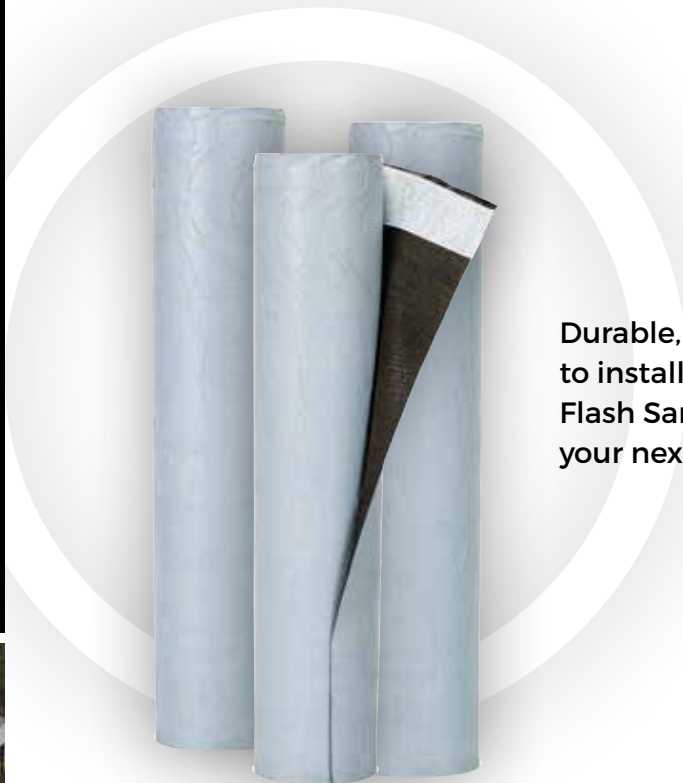
WIDTH: 1005 mm (39.6 in)

AREA: 14 m<sup>2</sup> (150 ft<sup>2</sup>)

THICKNESS: 2.5 mm (98 mils)

SELVAGE: 90 mm (3.5 in)

Note: All reported values are nominal.



Durable, reinforced and easy to install, let Armourbond Flash Sand go to work for your next roofing project.

## Armourbond Flash Sand

SELF-ADHERING BASE SHEET FLASHING

### Tough

Armourbond Flash Sand is composed of a tough non-woven reinforced polyester mat strengthened with select glass fiber strands. It is coated top and bottom with select SBS polymers and premium asphalt to a thickness of approximately 2.5 mm (98 mils).

### Sand Coated Top, Film Release Bottom

The top surface of the product is sand coated, while the self-adhering underside is covered by a removable silicone treated release film.

### Perfect for Flashing

Armourbond Flash Sand may be placed in flame-sensitive areas for base flashing details where a mopped or cold applied cap flashing will be used.

- DURABLE
- SELF-ADHERING

# Armourbond Flash Sand

SELF-ADHERING  
BASE SHEET FLASHING



**IKO**®

**COMMERCIAL**



**Armourbond Flash Sand** satisfies the requirements of CGSB-37.56-M and ASTM D6164 Type 1, Grade S materials.

ISO 9001 – 2008 REGISTERED FACILITY

Please contact your *IKO Technical Representative* for specific slope requirements.

CHARACTERISTICS	UNITS	MEETS/ EXCEEDS	SPECIFICATION	TEST METHOD**	STANDARD LIMITS
Cold Flex:	°C (°F)	✓	ASTM D6164	ASTM D5147	MIN: -18 (0)
Tensile Strength MD: XD:	kN/m (lbf/in)	✓ ✓	ASTM D6164	ASTM D5147	MIN: 8.8 (50)
Ultimate Elongation MD: XD:	%	✓ ✓	ASTM D6164	ASTM D5147	MIN: 38
Tear Strength MD: XD:	N (lbf)	✓ ✓	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4.5)*
Tensile-Tear MD: XD:	N (lbf)	✓ ✓	ASTM D6164	ASTM D5147	MIN: 246 (55)

\* CGSB-37.56-M REVISION, 9TH DRAFT, DATED JANUARY, 1997 \*\* Although both ASTM and CGSB may have requirements for a particular test, only the more stringent is indicated. The information on this product information sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.



STOCK NO. 7920010

JULY, 2016

ARMOURBOND FLASH

This product consists of durable, reinforcing mat of non-woven reinforced polyester that has been coated and permeated with Modiflex SBS bitumen to a thickness of approximately 2.5 mm (98 mils). A poly-film covers the top surface. The back surfacing is a silicone treated film which is easily removed. The product can then be placed in flame-sensitive areas for flashing details as it is self-adhesive. This product will easily satisfy the requirements of CGSB-37.56-M. IKO's roofing products are produced and designed with consideration for environmental responsibility and sustainability, incorporating quality recycled components whenever possible, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any "green" construction project.

Table with 6 columns: CHARACTERISTIC, UNITS, NOMINAL VALUE, SPECIFICATION, TEST METHOD\*\*, STANDARD LIMITS. Rows include: ROLLS PER PALLET, PALLET SIZE, LENGTH, WEIGHT, WIDTH, AREA, THICKNESS, LINES, COLD FLEX, TENSILE STRENGTH (MD, XD), ULTIMATE ELONGATION (MD, XD), TEAR STRENGTH (MD, XD), TENSILE-TEAR (MD, XD).

\* CGSB-37.56-M revision, 9th draft, dated January, 1997.

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See also Material Information Sheet – MIS # 1224 Brampton and 1724 Sumas

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# ArmourStick™ HD-Cap

PEEL AND STICK  
CAP SHEET

STOCK#: 7920107, 7920120,

7920163, 7920168

ROLLS PER PALLET: 32

PALLET SIZE: 132 cm x 112 cm

(52 in x 44 in)

LENGTH: 8 m (26.2 ft)

WIDTH: 1,005 mm (39.6 in)

AREA: 8 m<sup>2</sup> (86.1 ft<sup>2</sup>)

MEMBRANE COVERAGE: 7.25 m<sup>2</sup> (78 ft<sup>2</sup>)

THICKNESS: 4 mm (157.5 mils)

SELVAGE: 90 mm (3.5 in)

Note: All reported values are nominal.

 **COMMERCIAL**



Durable and easy to use, let ArmourStick HD-Cap Sheet go to work for your next commercial roofing project.



## ArmourStick HD-Cap

PEEL AND STICK CAP SHEET

### Durable

ArmourStick HD-Cap self-adhering cap sheet is a high-performance membrane constructed of a sturdy, nonwoven, reinforced composite mat strengthened with select glass fiber strands and coated with SBS polymers and premium asphalt.

### Available in Popular Colours

ArmourStick HD-Cap is offered in all standard colours currently available throughout the commercial product line.

### Easy to Use

Armourstick HD-Cap sheet offers an isolated film strip on the underside, allowing contractors to easily access the side lap for heat welding, ensuring a reliable, easy-to-install product. IKO requires the use of a hot air welder to seal the last 2 inches of the selvage for a trusted, no-leak seal for your roofing system. Meanwhile, with no primer required between the ArmourStick HD-Base Sheet and ArmourStick HD-Cap Sheet, installation time is reduced, ensuring the timely completion of your roofing system.

- DURABLE
- EASY TO USE

# ArmourStick™ HD-Cap

PEEL AND STICK  
CAP SHEET



# IKO® COMMERCIAL



**Armourstick HD-Cap** satisfies the requirements of CSA A123.23-15 Type C Grade 1 and ASTM D6162 Type I, Grade G. See also Safety Data Sheet SDS #1201.

Please contact your *IKO* technical representative for specific slope requirements.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TEST PERFORMANCE
Strain Energy @ 23°C MD & XD:	kN/m	CSA A123.23	CSA A123.23	> 5.5
Strain Energy @ -18°C MD & XD:	kN/m	CSA A123.23	CSA A123.23	> 3.0
Peak Load @ 23°C MD & XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 13.1 (75)
Peak Load @ -18°C MD & XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 13.1 (75)
Elongation at Peak Load @ 23°C MD & XD:	%	CSA A123.23	ASTM D5147	> 2
Elongation at Peak Load @ -18°C MD & XD:	%	CSA A123.23	ASTM D5147	> 1
Ultimate Elongation Before Heat Conditioning @ 23°C MD & XD:	%	CSA A123.23	ASTM D5147	> 26
Ultimate Elongation After Heat Conditioning @ 23°C MD & XD:	%	CSA A123.23	ASTM D5147	> 9
Application Temperature:	°C (°F)	-	-	> 5 (41)
Mass Per Unit Area:	g/m <sup>2</sup>	CSA A123.23	ASTM D5147	> 2900
Dimensional Stability:	%	CSA A123.23	ASTM D5147	< 0.5
Low Temperature Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -18 (-4)
Low Temp. Weathered Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -12 (10)
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	> 91 (195.8)
Resistance to Puncture:	-	CSA A123.23	CSA A123.23	pass
Granule Loss:	g	CSA A123.23	ASTM D5147	< 2

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STOCK NO. 7750093

JULY, 2016

### TORCHFLEX HD-FF-BASE

Torchflex HD-FF-Base is constructed using a mat of durable non-woven composite polyester mat which has been strengthened with a glass fiber scrim in both machine and cross directions. The mat is fully permeated with asphalt then heavily coated with our select polymer blend of SBS. Both surfaces are covered with a thin poly-film. The top film will melt during the application of the heat welded cap sheet while the bottom film dissolves during heat welding to the substrate. Torchflex HD-FF-Base can be used as the "lay-flat" base sheet in a layered membrane construction system. This product will easily satisfy the requirements of CGSB-37.56-M and ASTM D6162 Type I, Grade S materials. IKO's roofing products are produced and designed with consideration for environmental responsibility and sustainability, incorporating quality recycled components whenever possible, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any "green" construction project.

CHARACTERISTIC	UNITS	NOMINAL VALUE	SPECIFICATION	TEST METHOD**	STANDARD LIMITS
ROLLS PER PALLET:	-	32	-	-	N/A
PALLET SIZE:	cm (in)	132 x 112 52 x 44	-	-	-
LENGTH:	m (ft)	10 (32.8)	-	-	± 1%
WIDTH:	mm (in)	1005 (39.6)	-	-	± 6 (1/4)
WEIGHT:	kgs (lbs)	36 (79.4)	-	-	-
THICKNESS:	mm (mils)	3.0 (118)	-	-	± 0.4 (16)
LINES:	mm (in)	90 (3.5) 505 (19.9)	-	-	± 5 (1/4)
COLD FLEX:	°C (°F)	PASS	ASTM D6162	ASTM D5147	MIN: -18 (0)
STRAIN ENERGY @ 23°C	MD: XD:	7.3 6.6	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
TENSILE STRENGTH	MD: XD:	20.4 15.6	ASTM D6162	ASTM D5147	MIN: 13.1
ULTIMATE ELONGATION	MD: XD:	76.3 83.4	ASTM D6162	ASTM D5147	MIN: 26
TEAR STRENGTH	MD: XD:	71 69	CGSB-37.56-M	CGSB-37.56-M	MIN: 20*
LAP STRENGTH (5D @ 23°C)		12	CGSB-37.56-M	CGSB-37.56-M	MIN: 4*
STATIC PUNCTURE:		PASS	CGSB-37.56-M	CGSB-37.56-M	≥ 150*

\* CGSB-37.56-M revision, 9th draft, dated January 1997.

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