



MISCELLANEOUS ROOFING PRODUCTS



CLIPS

Utility Snap Lock Attachment Clip 1 ¼" Tall - 2" Wide - 24 GAUGE



This clip is used on varying manufactures 1 ½" Snap Lock panels with a straight 15/16" male leg and 1 ½" high female leg.

Mechanical Seamed Attachment Clip 1 5/8" Tall - 3" Wide – 24 GAUGE



This clip is used on varying manufactures 1 ½" Mechanically Seamed fixed panels. This makes it ideal to pair with shorter panels, as expansion and thermal movement is less a concern. For panels likely to exceed 30+ feet, then Sliding, two-piece, "Floating" clips are recommended.

Mechanical Seamed Floating Clip 1 5/8" Tall - 3" Wide – 24 GAUGE



The defining difference between floating clips and its fixed counterpart is that it enables thermal expansion and contraction in conjunction with the metal panel; maximum movement is determined by the part's specific slide capability built into the base-and-tab design element. This is particularly helpful in geographies that experience large fluctuations in weather and in open framing applications to create the necessary space for insulation.



FOR ROOFERS BY ROOFERS

FASTENERS



ULTRA LOW-PROFILE FASTENERS

Our ultra low-profile screws are specified by many who install metal roof panels and insulated metal wall panels. Square drive for positive drive and less slip.

#10-9 x 1 1/8" bags of 250

#10-9 x 1 5/8" bags of 250



METAL GROMMETED SCREWS

Our specially designed screws are used to attach trim to metal panels and, trim to wood substrates. They are designed with point and thread to minimize oxidizing chips and increase resistance to screw back-out. Color matching to roof color maintains architectural design.

#10 - 12 x 1" bags of 250

#10-12 x 1 1/2" bags of 250



DOMED HEAD BLIND RIVETS

Stainless steel color matching rivets, again for maintaining architectural design.

#43 X 1/8" bags of 250



FOR ROOFERS BY ROOFERS

PIPE BOOT FLASHINGS



#1 Closed Top	Fits 1/4" - 2" OD Pipe
#2 Open Top	Fits 1 3/4" - 3 1/4" OD Pipe
#3 Closed Top	Fits 1/4" - 4" OD Pipe
#4 Open Top	Fits 3" - 6" OD Pipe
#5 Open Top	Fits 4" - 7 1/2" OD Pipe
#6 Open Top	Fits 5" - 9" OD Pipe



#7 Open Top	Fits 6" - 11" OD Pipe
#8 Open Top	Fits 7" - 13" OD Pipe
#9 Open Top	Fits 10" - 18" OD Pipe

Imperial
METALS
FOR ROOFERS BY ROOFERS

Retrofit Pipe Flashings



RF801	Fits ¾" - 2 ¾" OD Pipe
RF802	Fits 2" - 7 ¼" OD Pipe
RF803	Fits 3 ¼" - 9" OD Pipe

High Temp Pipe Flashings



#1HT	Fits ¼" – 2 ½" OD Pipe
#2HT	Fits 1 ¾" – 3 ¼" OD Pipe
#3HT	Fits 2 ¼" – 5" OD Pipe
#4HT	Fits 3" – 6" OD Pipe
#5HT	Fits 4" – 7 ½" OD Pipe
#6HT	Fits 5" – 9" OD Pipe
#7HT	Fits 6" - 11" OD Pipe
#8HT	Fits 7" – 13" OD Pipe
#9HT	Fits 10" - 19" OD Pipe

AVAILABLE PROFILES



IMMS-1500, Imperial Metals 1 ½" tall Mechanical Seamed, Clip fastened panel, combines structural strength with architectural aesthetics. Designed for low slope roofs down to 1/12 pitch. Offered in the most economical 16" wide panels as well as 12" wide panels. Finish options include 2-Rib, Striations or, Smooth/Flat. Onsite roll forming for immediate verification of panel fit.



IMSL-1500, Imperial Metals 1 ½" tall Snap Lock Seamed panel. This clip fastened panel allows for panel expansion and contraction thus minimizing Oil Canning and screw pull out. Recommended for roof slopes 3/12 and above. Again, offered in 16" wide and 12" wide panels. Finish options include 2-Rib, Striations or, Smooth/Flat. Imperial Metals signature onsite roll forming fit guarantee.



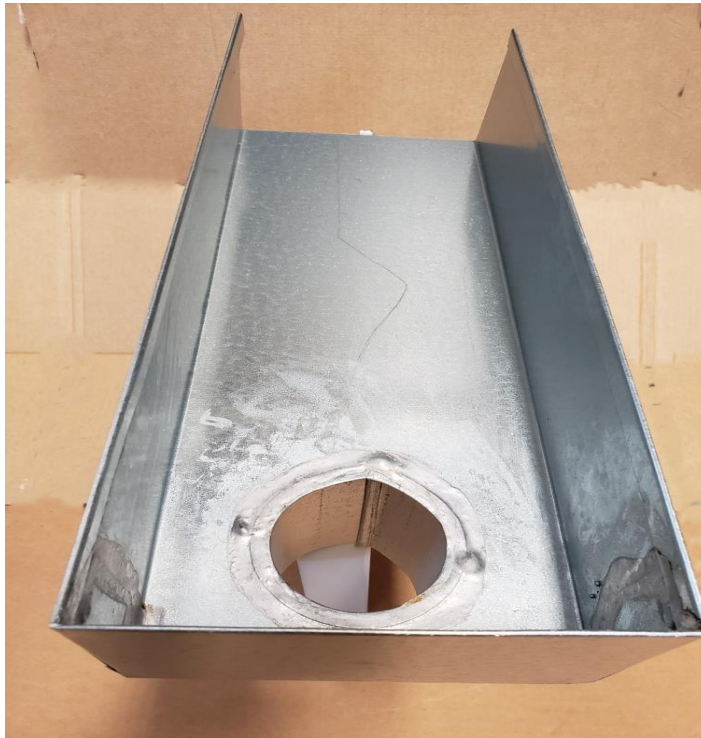
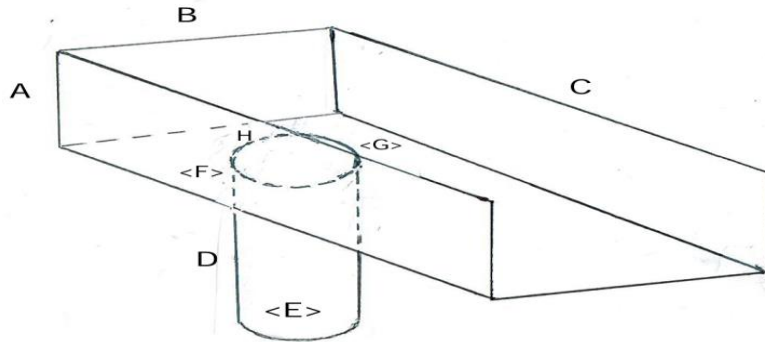
IMNF-1000, Imperial Metals 1" tall Screw Flange Snap Lock panel is one of the most popular styles. Ease of installation combined with universal appeal, assures homeowners an economical investment for a lifetime of minimal worry and insurance. For roof slopes 3/12 and above. Offered in 16" and 12" wide panels. Finish options 2-Rib, Striations or, Smooth/Flat finish offered.

TECHNICAL SPECIFICATIONS

COATING TEST METHOD		SMP	PVDF
Specular Gloss	ASTM D 523-89 @ 60	20-35	20-35
Color Retention	ASTM 2244 – Hunter Units	Not >5Δ 10 year	Not>5Δ 20 year
Humidity Resistance	ASTM D 2247 (100% relative humidity 98)	Passes 1000 hours	Passes 2000 hours
Salt Spray	ASTM B 117 (5% salt spray 95)	Passes 1000 hours	Passes 1000 hours
Chalk Resistance	ASTM D 4214 Hunter Units (Florida exposure @ 45 °S)	Rating not <8 10 years	Rating not <8 20 years
Reverse Impact	ASTM D 2794-93 (3,000 x inches of metal thickness)	Passes – No pick off with Scotch #610 tape	No cracking or adhesion loss
Pencil Hardness	ASTM D 3363	H-2H (NCCA II – 12)	HB – 2H
Flexibility T-Bend	ASTM D 4145-83 (No crack, no pick-off)	2T-4T bends no loss of adhesion	0T-3T bends no loss of adhesion
Graffiti Resistance	(Cleanability of defaced panels – spray paint, pens, etc.)	NO EFFECT	NO EFFECT
Warranty		LIMITED LIFETIME	LIMITED LIFETIME

BOX SCUPPER

A. _____ D. _____ G. _____
B. _____ E. _____ H. _____
C. _____ F. _____

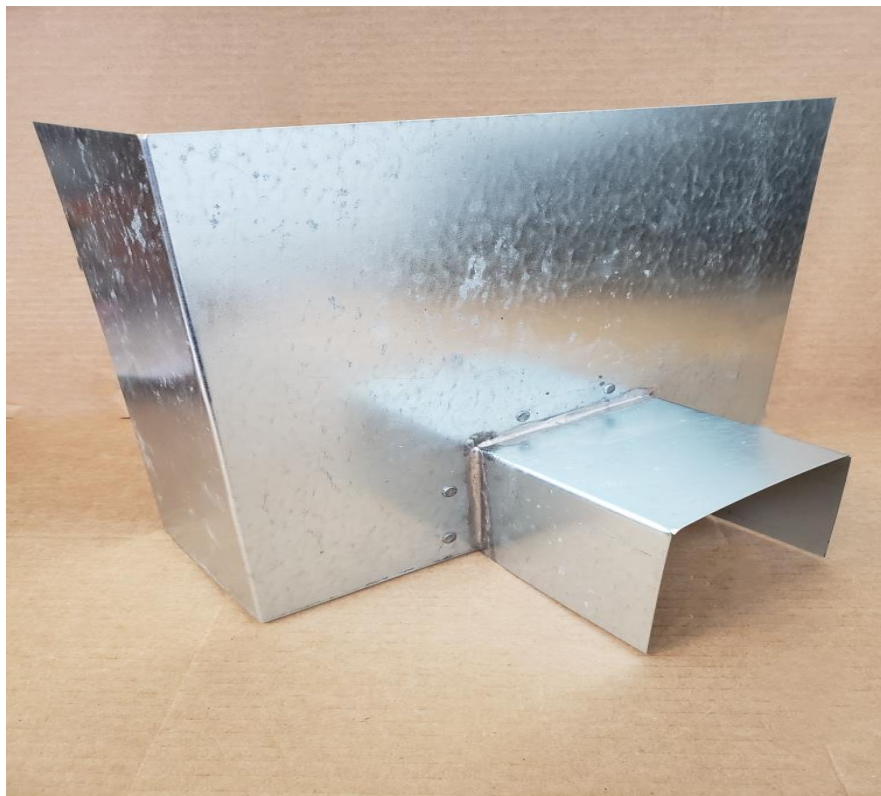
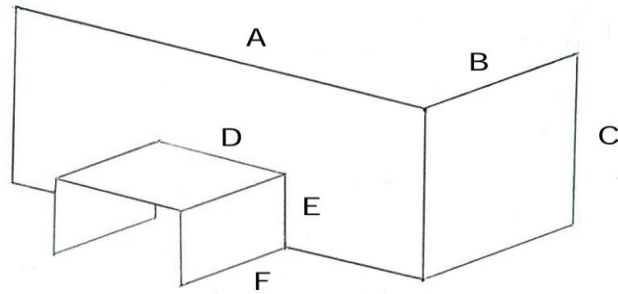


CORNER SADDLE

A. _____ D. _____

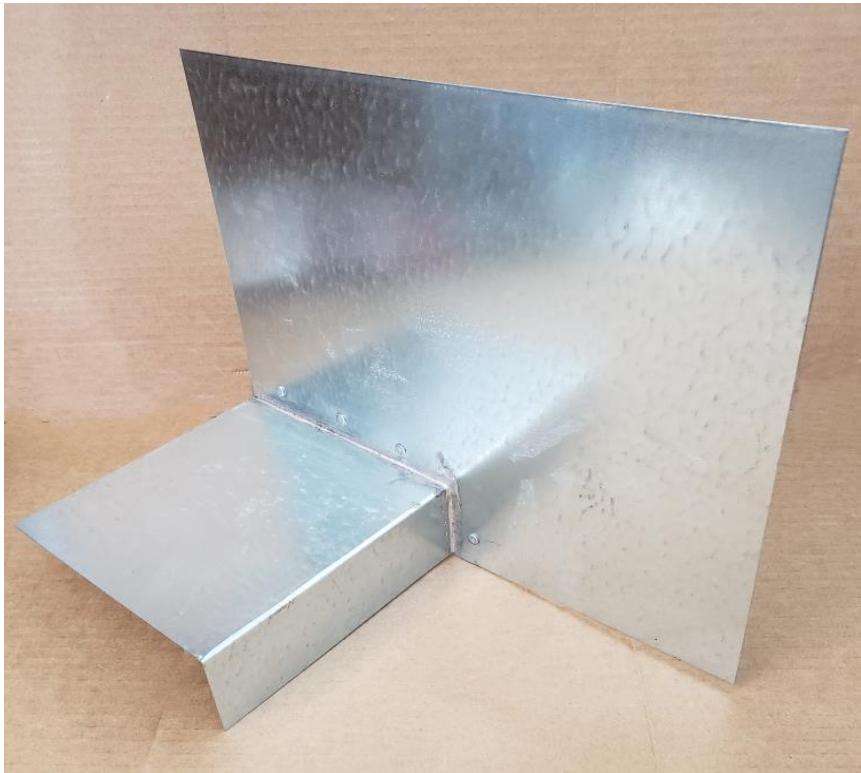
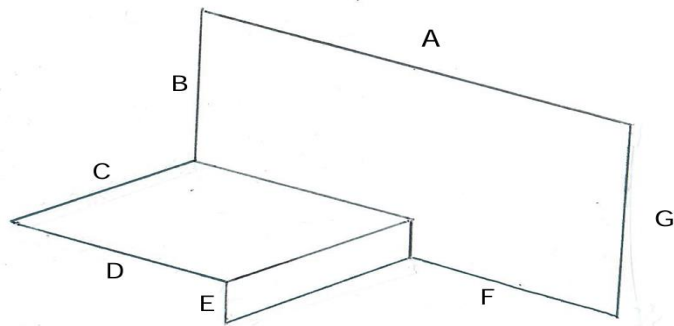
B. _____ E. _____

C. _____ F. _____



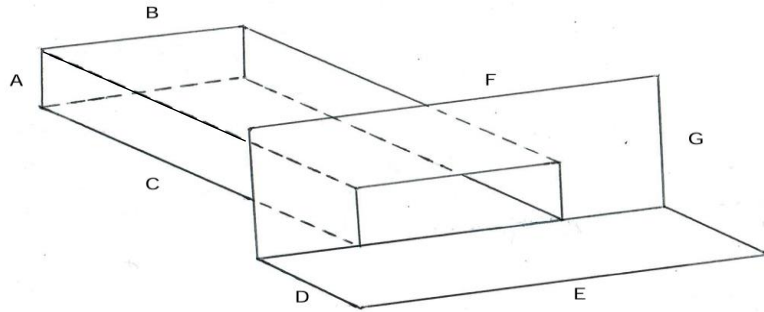
DECK CORNER SADDLE

A. _____ E. _____
B. _____ F. _____
C. _____ G. _____
D. _____



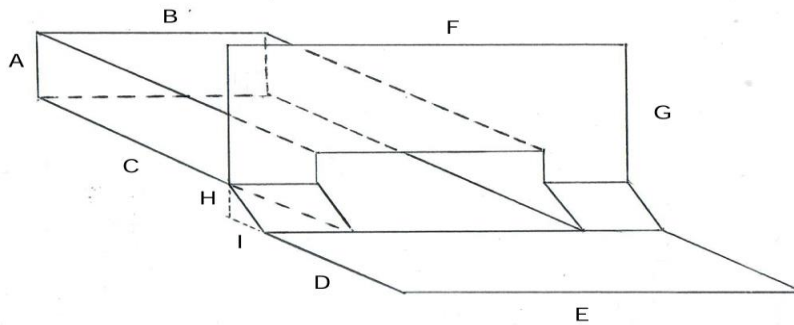
THRU WALL SCUPPER

A. _____ D. _____ G. _____
B. _____ E. _____
C. _____ F. _____



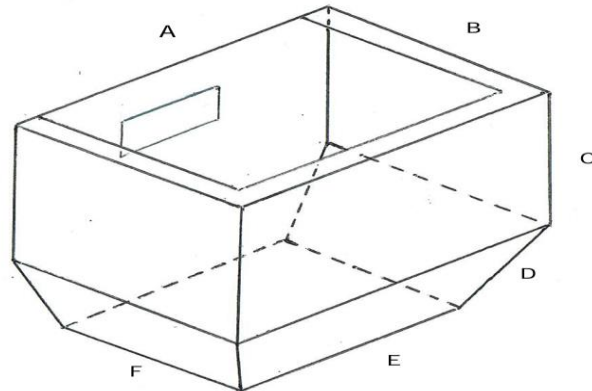
THRU WALL SCUPPER WITH CANT

A. _____ D. _____ G. _____
B. _____ E. _____ H. _____
C. _____ F. _____ I. _____



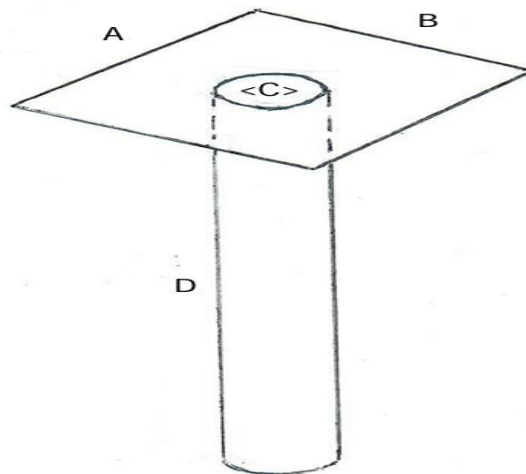
COLLECTOR HEAD

A. _____ D. _____
 B. _____ E. _____
 C. _____ F. _____



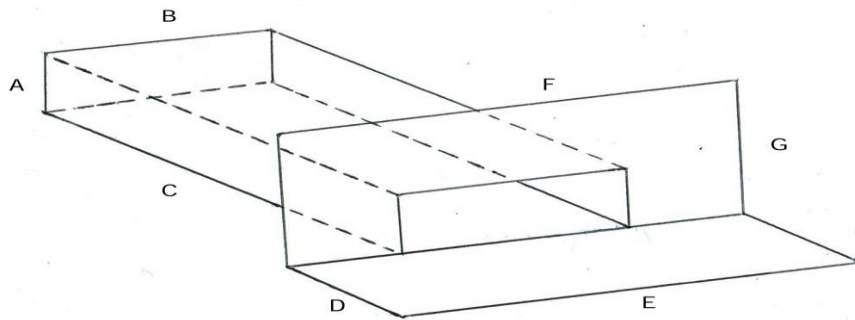
STANDARD SCUPPER

A. _____
 B. _____
 C. _____
 D. _____



PVC/TPO THRU WALL SCUPPER

A. _____ D. _____ G. _____
B. _____ E. _____
C. _____ F. _____

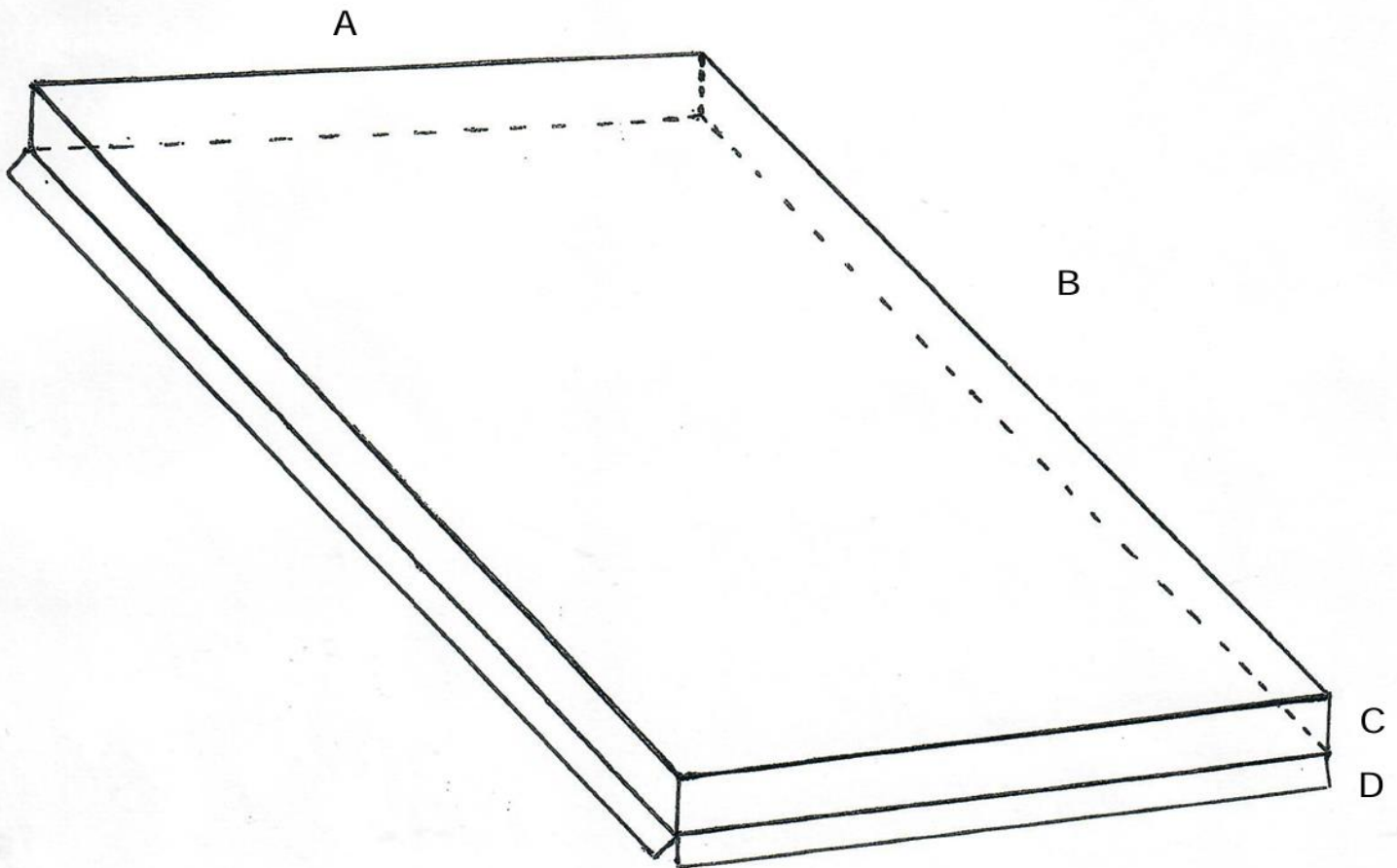


Chimney ie.Box Cover

A. _____
B. _____
C. _____
D. _____

Hemmed Y _____ N _____
Cross Break Y _____ N _____
Drip Y _____ N _____

Flue Diameter _____
Center from A _____
Center from B _____





SAFEGUARDeco[®] HYBRID UNDERLAYMENT

Walk a 12/12



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Than a conventional 30 Lb.
- **Easier To Install**
Easier & faster to install than other products,
Twice the coverage than 30 Lb. felt.
- **Safer, better traction than felt
and synthetic underlayments.**

Sq ft Coverage:..... 450 Sq Ft.
Roll Length:..... 145.00 Ft.
Roll Width:..... 3.1 Ft.
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- **Superior Protection**
Safeguard Eco is an advanced hybrid technology.
Combines polymer and high performance fabrics
for superior underlayment material.
- **30 Year limited warranty**
- **Passes Shower test**
Passes the liquid water transmission test as
per ASTM D 4869
- **Passes Heat test**

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REQUIREMENTS OF A.S.T.M D-226

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Class A FIRE RATED

SAFEGUARD ULTRA HT Class A Fire Rated is a Peel & Stick / Self-Adhering Underlayment that offers top-notch quality for roofing needs. With this innovative hybrid underlayment you can trust that you're shielded against nature's forces.



Fire & Ice



Technical Data Sheet

SL No	Test properties	Test method	Unit	Typical values
1	Thickness	ASTM D 5147	mils	48
2	Top surfacing	-	-	Grey Non-Woven Polypropylene ma
3	Unrollability	ASTM D1970	P/F	Pass
4	Release film	-	-	Silicon coated split release
5	Tensile strength	ASTM D 1970	Lbs	MD: 125 CD: 110
6	Tear Resistance	ASTM D 1970	Lbf	MD: 165 CD: 175
7	Adhesion to Plywood	ASTM D 903	Lbf	10@40 °F 15@75°F
8	Nail sealability	ASTM D 1970	P/F	Pass
9	Thermal Stability	ASTM D 1970	° F	260 /Pass
10	Low-Temperature Flexibility	ICC AC 48	P/F	Pass
11	WVTR	ASTM E96	US Perms	0.03
12	Application Temperature	-	°F	40 to 100
13	Fire Rating	ASTM E108	P/F	Pass (Class A)
14	UV Exposure	ASTM G154	Days	180