



IREX[®] 40

Commercial Product Data Sheet

Irex 40 is a modified bitumen, heavy duty base sheet or base ply. Irex 40 consists of a lightweight random fibrous glass mat impregnated and coated with a specialty formulated styrene-butadiene-styrene (SBS) modified bitumen.

Contact Siplast for information on approved product uses.

USES:
BASE PLY
BASE SHEET

PRODUCT INFORMATION

Standards	ASTM D6163 Type I, Grade S; CSA A123.23-15 Type A, Grade 2
Roll Length	Min: 34 ft (10.36 m)
Roll Width	Avg: 3.28 ft (1.00 m)
Coverage	1.0 Square (9.3 m ²)
Coverage Weight Per Square	Min: 85 lb (4.1 kg/m ²)
Laying Lines	3 in (76 mm) & 4 in (102 mm) Line Color: Blue
Top Surfacing	Silica Parting Agent
Back Surfacing	Silica Parting Agent
Product Options	RoofTag

Application

Refer to the applicable Siplast Technical Guide for detailed application information and slope limitations. Irex 40 is lapped 3 inches (76 mm) side and end.



Storage and Handling

All Siplast roll roofing products should be stored on end on a clean, flat surface. Rolls should not be dropped on ends or edges or stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing products should be stored in a dry place out of direct exposure to the elements and should not be double stacked. Material should be handled so that it remains dry prior to and during installation.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Pallet: 41 in x 48 in (104 cm x 122 cm) wooden pallet
 Rolls Per Pallet: 25
 Pallets Per Truckload: 18
 Minimum Roll Weight: 85 lb (38.6 kg)

Listings, Approvals, & Certifications



Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at www.siplast.com
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U.S. TEST STANDARDS

Property (as Manufactured)	Values / Units	Test Method
Thickness (minimum)	106 mils (2.7 mm)	ASTM D5147 Section 6
Thickness (average)	110 mils (2.8 mm)	ASTM D5147 Section 6
*Peak Load @ 73.4°F (23°C) (average)	45 lbf/inch (7.9 kN/m)	ASTM D5147 Section 7
*Peak Load @ 0°F (-18°C) (average)	80 lbf/inch (14.1 kN/m)	ASTM D5147 Section 7
*Elongation @ Peak Load 73.4°F (23°C) (average)	3%	ASTM D5147 Section 7
*Elongation @ Peak Load 0°F (-18°C) (average)	2%	ASTM D5147 Section 7
*Tear Strength (average)	60 lbf (0.27 kN)	ASTM D5147 Section 8
Water Absorption (maximum)	1%	ASTM D5147 Section 10
Dimensional Stability (maximum)	0.1%	ASTM D5147 Section 11
Low Temperature Flexibility (maximum)	0°F (-18°C)	ASTM D5147 Section 12
Compound Stability (minimum)	215°F (102°C)	ASTM D5147 Section 16
Coating Thickness – Back Surface	≥ 40 mils (1 mm)	ASTM D5147 Section 17

*The value reported is the lower of either MD or XD.

CANADA TEST STANDARDS

Property (as Manufactured)	Values / Units	Test Method
Thickness (minimum)	2.7 mm (106 mils)	CSA A123.23-15
Thickness (average)	2.8 mm (110 mils)	CSA A123.23-15
*Peak Load @ 23°C (73.4°F) (average)	7.9 kN/m (45 lbf/inch)	CSA A123.23-15
*Peak Load @ -18°C (0°F) (average)	14.1 kN/m (80 lbf/inch)	CSA A123.23-15
*Elongation @ Peak Load 23°C (73.4°F) (average)	3%	CSA A123.23-15
*Elongation @ Peak Load -18°C (0°F) (average)	2%	CSA A123.23-15
Dimensional Stability (maximum)	0.1%	CSA A123.23-15
Low Temperature Flexibility (maximum)	-18°C (-0°F)	CSA A123.23-15
Compound Stability (minimum)	102°C (215°F)	CSA A123.23-15
Coating Thickness – Back Surface	1 mm (≥ 40 mils)	CSA A123.23-15
Mass Per Unit Area (minimum)	4.1 kg/m ² (85 lb/sq)	CSA A123.23-15

*The value reported is the lower of either MD or XD.