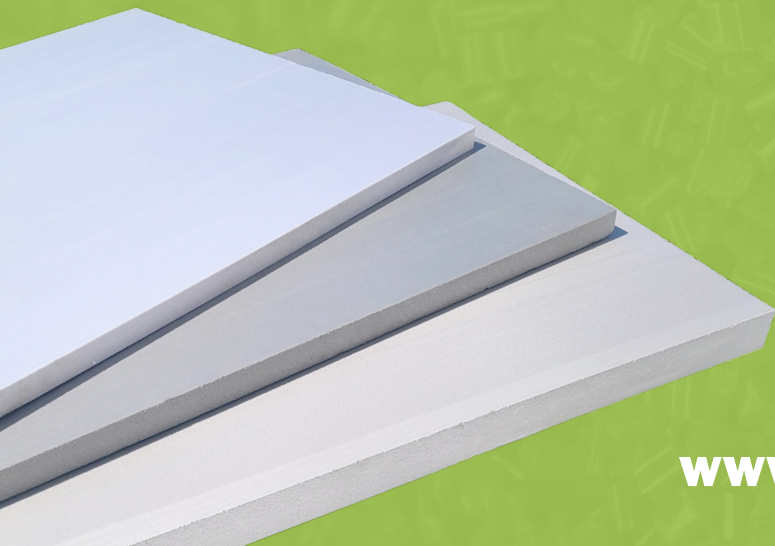




ECO 40

XPS FOAM

INSULATION



www.ecocarbonfoam.ca

BUYERS GUIDE

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2x8 SHEETS	3-5
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PRODUCT CODES

DIMENSIONS 2 X 8

PART NO.	SKU	THICKNESS	PROFILE	PAGE
BE102W8L40	3316	1.0"	Square Stock	3
SH102W8L40	3293	1.0"	Shiplap	3
BE152W8L40	3347	1.5"	Square Stock	4
SH152W8L40	3323	1.5"	Shiplap	4
BE202W8L40	3361	2.0"	Square Stock	5
SH202W8L40	3330	2.0"	Shiplap	5

DIMENSIONS 4 X 8

PART NO.	SKU	THICKNESS	PROFILE	PAGE
BE104W8L40	3446	1.0"	Square Stock	6
SH104W8L40	3439	1.0"	Shiplap	6
BE154W8L40	3477	1.5"	Square Stock	7
SH154W8L40	3422	1.5"	Shiplap	7
BE204W8L40	3453	2.0"	Square Stock	8
SH204W8L40	3460	2.0"	Shiplap	8

PRODUCT SPECIFICATIONS

Description

Our environmentally friendly ECO 40 Foam insulation is residential and commercial grade rigid foam insulation made using post-consumer type 6 recycled polystyrene. Produced by using environmentally friendly techniques and post consumer recycled materials, ECO 40 Foam insulation is an industry leading product in the effort to reduce plastics waste while also meeting or exceeding all regulatory requirements. ECO 40 Foam insulation is ideal for all your structural, non-structural, and underground needs.

Compliance

CAN/ULC S701.1:2017;
ASTM C578-19;
S102.2-18;
UL 723 (2018)

Certifications



Handling & Storage

ECO 40 Foam insulation is an environmentally friendly non-reactive product. Store in accordance with local regulations and away from all ignition sources or open flame. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food, and drink.

Health & Safety

It is recommended that appropriate personal protective equipment be worn while handling ECO 40 Foam insulation. ECO 40 Foam insulation should be stored and installed away from sources of ignition and open flame. For further guidance please refer to the Safety Data Sheet at: <http://www.ecocarbonfoam.ca/wp-content/uploads/2022/05/ECO-30-Safety-Data-Sheet.pdf>

PRODUCT DATA

	CAN/ULC S701.1:2017	ASTM C578-19
Thickness	50 mm	2"
Compressive Strength	386 kPa	40 psi
Water Absorption (% by volume)	0.4	0.2
Water Vapor Permeance	45 ng/Pa·s·m ²	0.71 Perm ²
Dimensional Stability (Linear % Change)	1.4	1.4 1.8
Flexural Strength	565 kPa	82 psi
Density	-	2.38 lb/ft ³

Thermal

Thermal Resistance	1.66 (m ² ·°C/W)	5.2R per inch
Surface Burning Characteristics	140 (FSR)	See Below Table

Surface Burning Characteristics

	S102.2-18	UL 723 (2018)
Thickness	51 mm	2"
Flame Spread	140 rating	-
Ceiling Burn Only ¹	-	0 index
Ceiling Burn Only ¹	-	0 index
Smoke Developed	445 classification	-
Ceiling Burn Only ¹	-	0 index
Ceiling Burn Only ¹	-	5 index

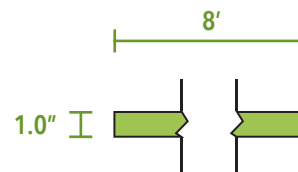
¹ These numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by this material under actual fire conditions. All applicable building codes must be followed.

AVAILABLE IN 2' X 8' OR 4' X 8' SHEETS

SQUARE STOCK

PRODUCT INFORMATION	
Part Number	BE102W8L40
SKU	3316
Thickness	1.0"
Profile Type	Square Stock
PSI	40 PSI
R-Value	5.0

TECHNICAL DRAWING



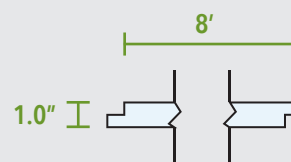
BARCODE



SHIPLAP

PRODUCT INFORMATION	
Part Number	SH102W8L40
SKU	3293
Thickness	1.0"
Profile Type	Shiplap
PSI	40 PSI
R-Value	5.0

TECHNICAL DRAWING



BARCODE



SHIPPING FOR 1.0" | SQUARE STOCK & SHIPLAP

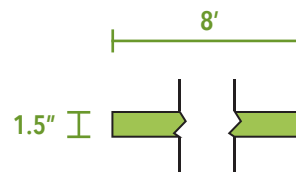
PRODUCT SIZE	1 Lift	1 Lift
	SHEETS/PER LIFT	SQ.FT./PER LIFT
1.0" x 2' x 8'	176	2,816

PLEASE REFERENCE OUR SHIPPING CONFIGURATIONS DOCUMENT FOR ADDITIONAL SHIPPING INFORMATION.

SQUARE STOCK

PRODUCT INFORMATION	
Part Number	BE152W8L40
SKU	3347
Thickness	1.5"
Profile Type	Square Stock
PSI	40 PSI
R-Value	7.5

TECHNICAL DRAWING



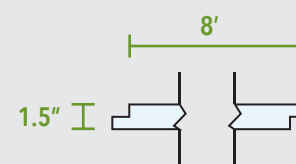
BARCODE



SHIPLAP

PRODUCT INFORMATION	
Part Number	SH152W8L40
SKU	3323
Thickness	1.5"
Profile Type	Shiplap
PSI	40 PSI
R-Value	7.5

TECHNICAL DRAWING



BARCODE



SHIPPING FOR 1.5" | SQUARE STOCK & SHIPLAP

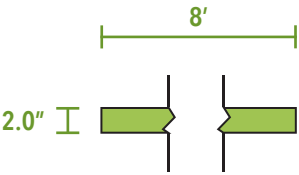
PRODUCT SIZE	1 Lift	1 Lift
	SHEETS/PER LIFT	SQ.FT./PER LIFT
1.5" x 2' x 8'	120	1,920

PLEASE REFERENCE OUR SHIPPING CONFIGURATIONS DOCUMENT FOR ADDITIONAL SHIPPING INFORMATION.

SQUARE STOCK

PRODUCT INFORMATION	
Part Number	BE202W8L40
SKU	3361
Thickness	2.0"
Profile Type	Square Stock
PSI	40 PSI
R-Value	10.0

TECHNICAL DRAWING



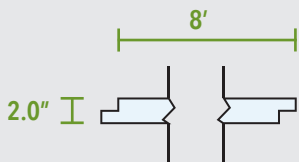
BARCODE



SHIPLAP

PRODUCT INFORMATION	
Part Number	SH202W8L40
SKU	3330
Thickness	2.0"
Profile Type	Shiplap
PSI	40 PSI
R-Value	10.0

TECHNICAL DRAWING



BARCODE



SHIPPING FOR 2.0" | SQUARE STOCK & SHIPLAP

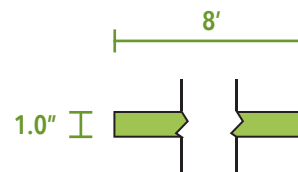
PRODUCT SIZE	1 Lift	1 Lift
	SHEETS/PER LIFT	SQ.FT./PER LIFT
2.0" x 2' x 8'	96	1,536

PLEASE REFERENCE OUR SHIPPING CONFIGURATIONS DOCUMENT FOR ADDITIONAL SHIPPING INFORMATION.

SQUARE STOCK

PRODUCT INFORMATION	
Part Number	BE104W8L40
SKU	3446
Thickness	1.0"
Profile Type	Square Stock
PSI	40 PSI
R-Value	5.0

TECHNICAL DRAWING



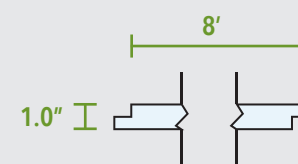
BARCODE



SHIPLAP

PRODUCT INFORMATION	
Part Number	SH104W8L40
SKU	3439
Thickness	1.0"
Profile Type	Shiplap
PSI	40 PSI
R-Value	5.0

TECHNICAL DRAWING



BARCODE



SHIPPING FOR 1.0" | SQUARE STOCK & SHIPLAP

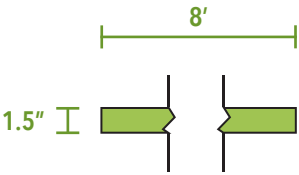
PRODUCT SIZE	1 Lift	1 Lift
	SHEETS/PER LIFT	SQ.FT./PER LIFT
1.0" x 4' x 8'	96	3,072

PLEASE REFERENCE OUR SHIPPING CONFIGURATIONS DOCUMENT FOR ADDITIONAL SHIPPING INFORMATION.

SQUARE STOCK

PRODUCT INFORMATION	
Part Number	BE154W8L40
SKU	3477
Thickness	1.5"
Profile Type	Square Stock
PSI	40 PSI
R-Value	7.5

TECHNICAL DRAWING



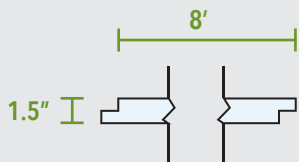
BARCODE



SHIPLAP

PRODUCT INFORMATION	
Part Number	SH154W8L40
SKU	3422
Thickness	1.5"
Profile Type	Shiplap
PSI	40 PSI
R-Value	7.5

TECHNICAL DRAWING



BARCODE



SHIPPING FOR 1.5" | SQUARE STOCK & SHIPLAP

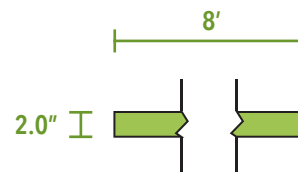
PRODUCT SIZE	1 Lift	1 Lift
	SHEETS/PER LIFT	SQ.FT./PER LIFT
1.5" x 4' x 8'	64	2,048

PLEASE REFERENCE OUR SHIPPING CONFIGURATIONS DOCUMENT FOR ADDITIONAL SHIPPING INFORMATION.

SQUARE STOCK

PRODUCT INFORMATION	
Part Number	BE204W8L40
SKU	3453
Thickness	2.0"
Profile Type	Square Stock
PSI	40 PSI
R-Value	10.0

TECHNICAL DRAWING



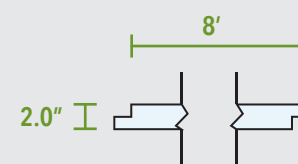
BARCODE



SHIPLAP

PRODUCT INFORMATION	
Part Number	SH204W8L40
SKU	3460
Thickness	2.0"
Profile Type	Shiplap
PSI	40 PSI
R-Value	10.0

TECHNICAL DRAWING



BARCODE



SHIPPING FOR 2.0" | SQUARE STOCK & SHIPLAP

PRODUCT SIZE	1 Lift	1 Lift
	SHEETS/PER LIFT	SQ.FT./PER LIFT
2.0" x 4' x 8'	48	1,536

PLEASE REFERENCE OUR SHIPPING CONFIGURATIONS DOCUMENT FOR ADDITIONAL SHIPPING INFORMATION.

CONTACT INFORMATION

ECO Carbon Foam has a Dealer and Distributor network both in Canada and the USA. For a contact in your direct area please contact us directly and we will connect you with the right local company to fulfill your order.

ECO CARBON FOAM CONTACT INFORMATION

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