eco CARBON FOAM

ECO 60 FOAM

Spec Sheet

made from RECYCLED MATERIAL

our products are ENVIRONMENTALLY FRIENDLY

high quality PRODUCTS

made in CANADA

c ETL US LISTED

Intertek

Control # 5022141

ECO 60 Foam
Product Details

eco CARBON FOAM

Description

Our environmentally friendly ECO 60 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 60 Foam insulation is an industry leading product in the effort to reduce plastics waste while also meeting or exceeding all regulatory requirements. ECO 60 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

C ETL LISTED US
Intertek

Handling & Storage

ECO 60 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 60 Foam insulation. ECO 60 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/E-CO-30-Safety-Data-Sheet.pdf

PRODUCT DATA

	CAN/ULC S701.1:2017	ASTM C578-19
Thickness	50 mm	2″
Compressive Strength	494 kPa	60 psi
Water Absorption (% by volume)	0.4	0.2
Water Vapor Permeance	39 ng/Pa·s·m^2	0.70 Perm^2
Dimensional Stability (Linear % Change)	0.1	0.7
Flexural Stength	905 kPa	131 psi
Density	-	2.67 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

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Visit us at
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