

UL LLC

Northbrook, IL

Bulk Shipment Certificate U-197
Evaluation Report UL ER8811-01

The manufacturer whose name appears below is qualified under the Classification and Follow-Up Service of UL LLC to furnish foamed plastic, Classified as to the properties listed below. This manufacturer is therefore authorized to issue this Certificate for the bulk shipment of material described below as its representation that such material is manufactured in compliance with the requirements established by UL LLC for this class of product. This Certificate does not indicate proper application or installation of the units and does not apply to other material which may be used at the location specified.

Material: **FOAMULAR® and FOAMULAR® NGX™ Brand extruded polystyrene insulation**
Classified Company: **Owens Corning Science and Technology, LLC**
Tallmadge, OH
Manufacturer's Reference No. R8811
Manufacturer's Control No. 33P1



Note: To determine that boards received are **UL Certified**, make sure each board is marked with the UL Certified Mark and the following statement:

UL CERTIFIED – See **Bulk Shipment Certificate U-197** available at www.owenscorning.com/U197.

FOAMULAR/ FOAMULAR NGX Product Name	Surface Burning		Roofing Systems for Exterior Fire Exposure	Roof Deck Construction for Interior Fire Exposure	Fire Resistance	Physical Properties
		UL 723	CAN/ULC S102.2	UL 790	UL 1256	UL 263
	(BRYX)	(BRYX7)	(TGFU)	(TJBX)	(CCVW)	(QORW)

Complete UL Certified Mark for products listed below:



150	-					
250	-	*				
400	-					XPS29
600	-					XPS36
1000	-					XPS48
Insulating Sheathing	-					
Half Inch	-					
CW25	-					
404	-					
604	-					
404RB	-					
604RB	-					
CI-C	-					
Gridboard	-					
LT30	-					
LT40	-					
Edglock 400	-					XPS29
Edglock 600	-					XPS36
Edglock 1000	-					XPS48

Complete UL-Certified Mark for products listed below:



Thermapink 25	-					
Thermapink 40	-					
C-300	-					
350	-					

(BRYX) SURFACE BURNING CHARACTERISTICS
FOAMED PLASTIC (BRYX) PER UL 723

Thickness: 4" maximum*
Density: 1.30-3.60 lb/f³

Flame Spread: 10**
Smoke Developed: 175**

* Installed in a thickness, or stored in an effective thickness, not in excess of 4 inches for a density of 1.30 to 3.60 lb/f³
** Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread Classification of 110 and smoke developed Classification over 500.

(QORW) POLYSTYRENE THERMAL INSULATION, RIGID CELLULAR,
TYPES XPS 29 XPS 36 XPS 48
IN ACCORDANCE WITH THE PHYSICAL PROPERTIES OF ASTM D6817

(TGFU) AS TO EXTERNAL FIRE EXPOSURE

(CCVW) AS TO FIRE RESISTANCE SEE UL PRODUCT IQ

(BRYX7) SURFACE BURNING CHARACTERISTICS FOAMED PLASTIC
(BRYX7) PER CAN/ULC S102.2

Thickness: 25-50mm***
Density: 24-29 kg/m³***

Flame Spread: 190
Smoke Developed: Over 500

***Installed in a thickness, or stored in an effective thickness, not in excess of 4 inches for a density of 24 to 29 kg/m³.

(TJBX) AS ROOF DECK CONSTRUCTION MATERIAL WITH
RESISTANCE TO INTERNAL FIRE EXPOSURE
FOR USE IN CONSTRUCTION NOS 1,2,3,14,58,87,200,219,237
SEE UL PRODUCT IQ

(TJBX) AS ROOF DECK CONSTRUCTION MATERIAL AS
TO UPLIFT RESISTANCE
CLASS 60 AS SHOWN BY CONSTRUCTION NO. 58
CLASS 30 AS SHOWN BY CONSTRUCTION NO. 87
SEE UL PRODUCT IQ

The Manufacturer makes the following statement regarding Surface Burning Characteristics: "THESE NUMERICAL FLAME SPREAD AND SMOKE RATINGS ARE NOT INTENDED TO REFLECT HAZARDS PRESENTED BY THIS MATERIAL UNDER ACTUAL FIRE CONDITIONS."