

# **Product Information Bulletin 1014**

**GeoSpec  
Lightweight Fill  
Material Product  
Certification  
Listings**

# Product Information Bulletin

## GeoSpec® Lightweight Fill Material - CAN & US Product Certification Listings

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Plasti-Fab **GeoSpec**® expanded polystyrene (EPS) geof foam lightweight fill material is listed with Intertek Testing Services NA, Ltd. for material properties in accordance with in accordance with ASTM D6817, **Standard Specification for Rigid Cellular Polystyrene Geof foam**, and for surface burning characteristics in accordance with ASTM E84, **Standard Test Method for Surface Burning Characteristics of Building Materials**, and CAN/ULC-S102.2M, **Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies**.



The Intertek certification mark on the Plasti-Fab **Certificate of Compliance** as per attached provided with shipment confirms third party certification/quality control of material properties in accordance with ASTM D6817 (as per Plasti-Fab PIB 1015) and surface burning characteristics in accordance with ASTM E84 and CAN/ULC-S102.2M.

Surface burning characteristics listings for GeoSpec lightweight fill material in accordance with ASTM E84 and CAN/ULC-102.2M are provided in the table below.

| Material Details  |                            | ASTM E84 Index                           |                 |
|---|----------------------------|--|-----------------|
| ASTM D6817 Types  | Thickness                  | Flame Spread                             | Smoke Developed |
| EPS12, EPS15, EPS19, EPS22, EPS24, EPS29, EPS39 and EPS46 | Max. 6 inches              | 20                                       | 300             |
| Material Details  |                            | CAN/ULC-S102.2M Classification or Rating |                 |
| Min Thickness, mm   | Density, kg/m <sup>3</sup> | Flame Spread                             | Smoke Developed |
| 12.5+   | 12.8 to 48                 | 290                                      | Over 500        |

See Intertek Code Compliance Research Report CCRR-1072 and Plasti-Fab PIB No. 1015 for additional detail on Plasti-Fab GeoSpec EPS geof foam meeting requirements of ASTM D6817.



Shipment to: \_\_\_\_\_

Plasti-Fab Packing Slip Number: \_\_\_\_\_

Date of Shipment: \_\_\_\_\_



**Certificate of Compliance – EPS Geofoam to ASTM D6817**

This is to confirm that the EPS geofoam block supplied to the above project conforms to manufacturing requirements per ASTM D6817, **Standard Specification for Rigid Cellular Polystyrene Geofoam.**

**Intertek**

The **Intertek** certification mark confirms that EPS geofoam block is manufactured under a third party certification monitored by **Intertek**

Third party certification requirements include sampling as per ASTM D7557, **Standard Practice for Sampling of Expanded Polystyrene Geofoam Specimens.** Sample testing is completed at a laboratory accredited for testing of the physical and mechanical properties of rigid expanded polystyrene (EPS).