



**THE DOW CHEMICAL COMPANY
SALES SPECIFICATION**

Date Printed: 2013-02-22

Effective Date: 2012-12-10

Supersedes Date: 2012-07-26

Name: ROOFMATE™ SL-T Extruded Polystyrene Foam

Specification Number: 000000075484

Previous Specified Material: 00119961

Additional Product Information:

Description Note

Board faces: with skin
 Edge treatment: Ship Lap on all four sides
 Application: roof insulation
 trade product code: 75484

Fire Classification Note for -T Foam:

The national fire performance test standards and regulations may differ from country to country.

Customers are kindly asked to contact the responsible DOW Sales Office to obtain more details.

| Final Testing Requirements | | | | |
|--|--------------|-------------|---------------|-------------|
| Test and Test Condition | Limit | Unit | Method | Note |
| Thickness Tolerance, for thicknesses <50mm | -2.0 — 2.0 | mm | EN 823 | |
| Thickness Tolerance, for thicknesses >=50mm and <=60mm | -2.0 — 3.0 | mm | EN 823 | |
| Width Tolerance | -3 — 3 | mm | EN 822 | |
| Length Tolerance | -6 — 6 | mm | EN 822 | |
| Squareness, ends | 5 Max | mm/m | EN 824 | |
| Flatness, in width and length | 4 Max | mm/m | EN 825 | |
| Compressive Strength, vertical | 300 Min | kPa | EN 826 | |

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Final Testing Requirements

| Test and Test Condition | Limit | Unit | Method | Note |
|---|--------------|-------------------|-------------------|-------------|
| Long Term Load, 50 Y, <2% Deformation | 110 Min | kPa | EN 1606 | |
| Thermal Conductivity, at 10degC mean temperature; 90 days | 27.0 Max | mW/m.K | EN 12667/EN 12939 | |
| Dimensional Stability, (under spec. temperature and humidity), DS(TH) | 2 Max | % | EN 1604 | |
| Dimensional Stability, (under spec. temperature and humidity), DS(TH) | 5 Max | % | EN 1604 | |
| Density, typical | Report | kg/m ³ | EN 1602 | 1 |
| Water Vapor Diffusion, Mu-Value | 200 Min | | EN 12086 | 2 |
| Water Absorption, by immersion | 0.7 Max | % | EN 12087 | |
| Water Absorption, aft freeze-thaw cycles | 1.0 Max | % | EN 12091 | |
| Water Absorption, by diffusion, for thicknesses <=50mm | 3 Max | % | EN 12088 | |
| Water Absorption, by diffusion, for thicknesses >=50mm and <=100mm | 1.5 Max | % | EN 12088 | |
| Fire Performance, B1 Rating | Pass | | TS 11989 | |
| Deformation, (under spec. compr. load and temp), DLT(2)5 | Pass | | EN 1605 | |

Final Testing Requirements Notes:

- 1 Density, typical Note
Density, typical = 32 kg/m³.
- 2 Water Vapor Diffusion, Mu-Value Note

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Final Testing Requirements Notes:

Mu-Value = μ -Value

General Notes

- 1 **CAUTION!** This material contains a halogenated flame retardant system to inhibit accidental ignition from small fire sources. During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.

- 2 Storage Notes
 - This product can be stored OUTSIDE.
 - Protect from direct sunlight if prolonged outside storage.
 - Do not use dark colored protective coverings.

- 3 Standard Dimensions
 - Width : 600 mm
 - Length: 1250 mm
 - Thicknesses: 30, 40, 50, 60, 80 and 100 mm

READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.