

# TECHNICAL DATA SHEET

## HIGH DENSITY-ASPHALT and WAX IMPREGNATED FIBREBOARD ROOF INSULATION

### REQUIREMENTS: CAN/ULC – S706-02

This **high-density** roof insulation fibreboard of superior quality is the result of a judicious selection of raw materials and special care in pulp preparation. Very resistant, this product is specially designed for roof applications and offers a compressive strength of at least 50 pounds per square inch. It is ideal where more rigid roofing is required.

Louiseville Speciality Products' high-density sheathing is made of wood fibres bounded by paraffin impregnation.

The high-density fibreboard is recommended for the following uses: support panels for EPDM adhered systems, modified bitumen, loose-laid and ballasted single-ply roofing systems, multilayer protection for other insulation material, separator between roofs during renovations and as an undercoat over a steel deck.

Louiseville Speciality Products is certified ISO 9001.

The continuous quality control implemented in our manufacturing process and the use of judiciously selected raw materials guarantee a consistent and superior quality product for our customers' satisfaction.

Louiseville Speciality Products fibreboard features strength and superior physical properties. It is an excellent environment-friendly choice (green product) for your roofing and insulation needs.

Properties	Requirements	Results (Typical values)
Density	ASTM D-1037	16 lbs/ft <sup>3</sup> 256 kg/m <sup>3</sup>
Transverse load at rupture	ASTM C-209	15.0 lbs 67 N
Tensile strength perp. to surface	ASTM C-209	835 lbs/ft <sup>2</sup> (min) 40 KPa (min)
Tensile strength parallel to surface	ASTM C-209	330 lbs/in <sup>2</sup> (min) 2.28 MPa (min)
Water absorption	ASTM C-209	5.0%
Linear expansion	ASTM C-209	0.08%
Compressive strength (10% def.)	ASTM C-165	50 lbs/in <sup>2</sup> (min)
Compressive strength (25% def.)	ASTM C-165	90 lbs/in <sup>2</sup> (min)
"R" Factor (½")	ASTM C-518	1.45

Product Code	355 HD
Dimensions	4' x 4'
Thickness	½"
Number of sheets per lift	100
Average weight per sheet (lbs)	9.81

Web site: [www.materiauxspecl.com](http://www.materiauxspecl.com)