ISOLint™

Natural

Technical Data sheet

Sheating

Our Wood Fibre Roof Insulation Panels are composed of interlocking cellulose fibres bonded together by heat, pressure and premium bitumen emulsion.

This product conforms to all requirements of CAN / ULC-S706-09 and ASTM C208.

The density of this material has been specified to provide an optimum combination of board strength and insulating value.

Our roofing products are produced and designed with consideration for environmental responsibility and sustainability, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any *"green" construction project.*

Wood fibre panel

Product No. **974**

Properties	Standard Limits	Nominal Value
Density	—	≥ 14,5 lb / ft³
Transverse load at rupture	Min 48N Min 10,8 lbF	≥ 48N ≥ 10,8 lbF
Tensile strength perpendicular to surface	Min 24 KPa Min 3,48 psi	≥ 24 KPa ≥ 3,48 psi
Tensile strength parallel to surface	Min 1000 KPa Min 145 psi	≥ 1000 KPa ≥ 145 psi
Water absorption	Max 7 %	≤ 7%
Linear expansion	Max 0,5 %	≤ 0,5%
Compressive strength (10% deformation)	Min 100 KPa Min 14,5 psi	≥ 100 KPa ≥ 14,5 psi
"R" factor / inch (1")	Min 0,41 [(m² • K)/w]	3,10

CAN / ULC S706-09

Dimension	4' X 8'
Thickness	7/16" (11 mm)

The information on this Technical Data sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.

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