



DEMILEC

870 CURÉ BOIVIN, BOISBRIAND (QUÉBEC) CANADA, J7G 2A7

Boisbriand, August 31, 2004

Object: SPRAY POLYURETHANE FOAM INSULATION ON ELECTRIC WIRING

SEALECTION 500 is evaluated by NRC (National Research Council of Canada) since 1995, CCMC 12967-R. Till that time more than 30,000 homes fully or partially was insulated in north America with SEALECTION 500. (200 million board feet).

Theirs no chemicals reaction between the wiring and the Spray Polyurethane Foam. In the pass the CAN/ULC S 705.2-98 (Standard for Thermal Insulation Spray Applied Rigid Polyurethane Foam, Medium Density, Installer's Responsibilities Specification) has restriction of a maximum thickness (20mm) could be applied on wiring. The industry make study with electrical engineering firm and the 1998 version of the standard do not have restrictions anymore.

The medium density SPF is two pounds density foam with higher R-value and air-barrier properties performance compare to the half pounds foam (low density) SEALECTION 500 .

The SEALECTION 500 service temperature is -60°C to 80°C , higher temperature will dry the foam and will affect the physical properties performance but will not by hazardous. The ignition temperature point with out flame is 580°C , ULC testing, ASTM. D1929.

For more information, contact the undersigned

François Lalande Arch. Tech.
Technical Support