

HEMP FIBER INSULATION PANELS

TECHNICAL & INFORMATIVE SHEET



**THE MOST PERFORMING INSULATION PANEL IN
THE INDUSTRY**

AN INSULATING PANEL FROM NATURAL HEMP FIBER MADE IN QUEBEC. THIS BIOSOURCED INSULATION HAS MULTIPLES ADVANTAGES WILL MAKE YOUR BUILDING HEALTHIER, MORE PERFORMANT, MORE SUSTAINABLE AND WILL ALLOW ITS OCCUPANTS A BETTER QUALITY OF LIFE



NovEnviro

COMPOSITION

- 92% Natural hemp fiber
- 8% Polyester as a binder

CHARACTERISTICS

- R-value 3.7 / inch
- Open to water vapor diffusion (regulates humidity naturally)
- Sound insulation: absorbs about 20 dB / inch
- Phase shift very efficient
- Natural resistant to pests
- High mechanical resistance
- Ease of implementation
- Hygrometric regulator
- Carbon negative
- Healthy and natural (Hypoallergenic)
- Eco-Energetic
- Superior quality and durable insulation

TECHNICAL CHARACTERISTICS

ASTM E1354	Détermination de la propagation de la flamme <i>/ Ignition time</i>	6.67 (sec.)
	Taux dégagement chaleur moyen / <i>Average heat release rate (HRR)</i>	65.17 (kW/m²)
	Taux dégagement chaleur total / <i>Total heat release (THR)</i>	7.3 (MJ/m²)
	Taux dégagement chaleur maximal / <i>Heat release maximum rate (PHRR)</i>	124.66 (kW/m²)
	Dégagement de fumée totale par unité surface / <i>Total smoke release by surface unit (TSR)</i> <i>Standard test method for heat and visible smoke release rates for materials and products using an oxygen consumption calorimeter</i>	44.5 (m²/kg)
CAN/ULC S-135	Détermination des paramètres de combustibilité / <i>Standard test method for degree of combustibility of building materials using and oxygen consumption calorimeter (Cone calorimeter)</i>	THR 7.3 MJ/m² SEA 20,8m²/kg

REFERENCE IN ECOLOGICAL BUILDINGS



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ASTM D3806 (ASTM E84)	Méthode d'essai standard pour l'évaluation à petite échelle de peintures ignifugeantes (méthode en tunnel de 2 pieds) / <i>Standard test method of small-scale evaluation of fire-retardant paints (2 foot tunnel method)</i>	20, classe A ou/ou 1
ASTM E96	Perméance à la vapeur d'eau, 50mm / <i>Standard test method for water vapor transmission of materials</i>	37ng/Pa.s.m²

L'information décrite dans ce bulletin est établie pour aider à sélectionner le panneau isolant adéquat à votre utilisation. C'est la responsabilité de l'utilisateur de déterminer si le produit rencontre ses besoins. En cas de réclamations justifiées seul le produit est sujet au remplacement. /
The information in this bulletin is intended to help select the appropriate insulation system for your use. It is the responsibility of the user to determine if the product meets its needs. In case of justified claims only the product is subject to replacement.

PROPOSED DIMENSIONS

R-Value	Thickness	Width	Height
R 7.4	2"	16"	48"
R 7.4	2"	24"	48"
R 13	3.5"	16"	48"
R13	3.5"	24"	48"
R 20	5.5"	16"	48"
R 20	5.5"	24"	48"
R 30	7.5"	16"	48"
R 30	7.5"	24"	48"

FOR MORE INFORMATION AND TO MAKE AN ORDER

514.880.7223

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