

CONFORMITY TESTS ON HEMP FIBER INSULATION PANELS

CAN/ULC-S129-2015	Inter-tek	Essai de la résistance à la combustion de l'isolant Test for Shoulder Resistance of Insulation (Basket Method)	Smolder mass loss	1,59%
CAN/ULC-S703-6.3.2	Inter-tek	Corrosivité / Corrosivity	Aluminium Cuivre/cooper Acier/steel	No holes or perforations No holes or perforations Holes and perforations
CAN/ULC-S703-6.3.8	UL	Absorption de vapeur d'eau/Water vapor sorption	Sorption (%)	6,30%
CAN/ULC-S703-6.3.9	Inter-tek	Inflammabilité / Open flammability	CRF (W/cm ²)	0,06
CAN/ULC-S703-6.3.10	Inter-tek	Permanence d'inflammabilité Open-flammability permanency	CRF (W/cm ²)	0,06
CAN/ULC-S702-14 6.2.2	UL	Masse volumétrique / Determination of mass	Kg/m ³	37,56
ASTM E96-E96M-16	UL	Performances de transmission de la vapeur d'eau Water vapor transmission performance	ng/(Pa.s.m ²)	Not a vapor barrier (above 60 ng)
ASTM C518-17	UL	Propriétés de transmission thermique Thermal transmission properties	°F-ft ² -h/Btu at 1" (valeur R) K-m ² /W at 25mm (lambda)	3,70 0,03898
ASTM C1338-19	Inter-tek	Résistance microbologique aux champignons Microbiological resistance to fungi	Growth rating	NO Growth
ASTM E84-20	Inter-tek	Caractéristiques de combustion de surface Surface burning characteristics	Flame spread index Smoke developed index	315 350
ASTM E1354	SEREX	Dégagement de chaleur et de fumée visible pour les matériaux et produits utilisant un calorimètre de consommation d'oxygène » Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter.	Ignition time TTI (sec.) Average heat HRR (kW/m ²) Total heat THR (MJ/m ³) Maximal heat PHRR (kW/m ²) Total smoke TSR (m ² /m ²)	6,67 65,17 7,3 124,66 44,5
			Total smoke extinguishing SEA (m ² /kg)	20,75
CAN/ULC-S135	SEREX	Combustibilité des matériaux de construction à l'aide d'un calorimètre à consommation d'oxygène. Combustibility parameters of building materials using an oxygen consumption calorimeter.	Flame length (pouce) Flame spread (pouce) Net flame spread (pouce)	1,90 14,30 7,66
ASTM C209	SEREX	Méthodes d'essai standard pour le panneau isolant en fibre cellulosique Standard Test Methods for Cellulosic Fiber Insulating Board insulating boards- cellulose fibers-	kg/m ³	34,60
ASTM D3806	SEREX	Évaluation à petite échelle des peintures ignifuges (méthode du tunnel de 2 pieds) Standard Test Method of Small-Scale Evaluation of Fire-Retardant Paints (2-Foot Tunnel Method)	Flame propagation class FSI	Class A ou 1 20

NaturHemp is an insulator composed of 92% natural hemp fiber and 8% textile composition serving as a binder. Our insulation does not contain any VOCs since no additives are added to the product. Natur-Hemp is an insulator composed of 92% natural hemp fiber and 8% textile composition serving as a binder. Our insulation contains no VOCs since no additives are added to the product.

The information described in this bulletin is published to help select the right insulation board for your use. It is the user's responsibility to determine if the product meets their needs. In the event of justified complaints, only the product is subject to replacement.