

EVALUATION of H₂FOAM LITE+ (LD-C-70)
SPRAY APPLIED POLYURETHANE FOAM
THERMAL INSULATION

Report n° 13-06-M0164 EXOVA
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 Report DE 651xK431 EN b555 CSTC

PRELIMINARY EVALUATION

Property	Test Method & units	Requirement	Result
Thermal Conductivity	EN 12667 & EN ISO 10456 W/m.K	λ	0.0345
Apparent Core Density	ASTM D1622 kg/m ³	Declared	11 ±1 kg
Dimensional Stability At 29°C At 80°C at 70°C & 97 °C ± 3% RH	ASDTM D2126	≥ -1 ≥-15; ≤ +14 ≥-15; ≤ +10	-0.2 -3.5 -0.8
Water absorption	ASTM D2842 % by volume	≤ 5	5
Water Vapor Transmission 25 mm thick specimen	ASTM E96 ng/Pa.s.m ²	≥ 800	1626
Open Cell Content	ASTM D6226 %	Declared	99.5
VOC emissions profile	CAN/ULC S 774	Declared	No human health risk
Reaction to fire	EN 11925 & NF EN 13501-1	Classification	E