



ENVIRO  
BUILD

# TECHNICAL SPECIFICATIONS

# HYPERION<sup>®</sup>

C L A D D I N G

It is the customer's responsibility to determine the suitability of Hyperion Cladding for their particular private or commercial installation. It is solely the customer's responsibility to consult with their local building control to determine fire classification project requirements.

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## PIONEER

Characteristic	Reference	Unit
Density	ASTM D792-13 Method B	1.26g/cm <sup>3</sup>
Linear Thermal Expansion	EN 15534-1:2014	33.9·10 <sup>-6</sup> K <sup>-1</sup>
Flexural Modulus	EN 15534-1:2014	1123MPa
Flexural Strength	EN 15534-1:2014	27.4MPa
Impact Strength	ASTM D4812-11	86J/m
Nail Pull Out	EN 15534-1:2014	4.64MPa
Staple Pull Out	EN 15534-1:2014	3.14MPa
Water Absorption	EN 15534-1:2014	4.31%
Reaction to Fire	EN 13501-1	D – s1, d0
Reaction to Fire - Single Flame Source	EN 15534-1:2014	Flaming droplets or particles were not found



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SENTINEL

Characteristic	Reference	Unit
Density	ASTM D792-13 Method B	1.31g/cm <sup>3</sup>
Linear Thermal Expansion	EN 15534-1:2014	46.8 <sup>-6</sup> K <sup>-1</sup>
Screw Pull Out	EN 15534-1:2014	479N
Water Absorption	EN 15534-1:2014	5.46%
Reaction to Fire	EN 13501-1	B - s2, d0
Reaction to Fire - Single Flame Source	EN 13501-1	Flaming droplets or particles were not found



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