

HYDRO FIX COMFORT CORE™

Product Spec Page

Product Structure



Product Testing

Measure	Test	Requirement	Performance
Dimensional Stability	ASTM F 2199	≤ 0.020 in/linear ft	Passes @ ≤ 0.0048 in/linear ft
Residual Indentation	ASTM F 1914	Average < 8%	Passes @ Average < 0.6%
Impact Sound Reduction	ASTM E 2179	Delta IIC ≥ 11	Passes @ Delta IIC ≥ 26
Flame Spread	ASTM E 648	≥ 0.45 w/cm ² Class 1	Passes
Heat Stability	EN 12524	0.05 m ² K/W	Passes
Durability	EN 425 Phillips Caster Chair	25,000 cycles @ 100 lbs	Passes
Locking Strength	ISO 24334	> 500 kg/lfm - kg/m	Passes
Chemical Resistance	ISO 26987	Good Resistance	Good Resistance
Light Stability	ISO 105	6 = Very Good 7 = Excellent 8 = Outstanding	6/7
Resistance to Static Electricity	EN1815	n/a	< 2.0 kV Anti-Static
Sound Insulation	ASTM E90-09 STC with No Ceiling	n/a	56
Sound Insulation	ASTM E90-09 STC with Ceiling	n/a	63
Sound Transmission	ASTM E492-09 IIC with No Ceiling	n/a	59
Sound Transmission	ASTM E492-09 IIC with Ceiling	n/a	69