



Flagship Carpets®

ERT - SUBSTRATE 2.0 Flooring

Construction

Construction:	Enhanced Resilient Tile Rigid Core/SPC
Dimensions:	7" W x 48" L
Wear Layer Thickness:	20 mil
Total Thickness:	6.5 mm
Backing Class:	Commercial Grade
Finish:	Polyguard/hp (Polyurethane)
Surface Edge:	Micro Beveled Edge Profile
Attached Padding:	1.5 mm IXPE Backing

Class

Size/Squareness:	(ASTM F2055) +/- 0.016 in per linear foot in size, <0.010 in for squareness
Dimensional Stability:	(ASTM F2199) < 0.020 in per linear foot
Residual Indentation:	(ASTM 1914) < 8%
Flexibility:	(ASTM F137) Passes 3" Mandrel, <1.0 in diameter, no cracks or breaks
Chemical Resistance:	(ASTM F925) Nothing more than slight
Heat Resistance:	(ASTM F1514) < 8.0 Δ E
Light Resistance:	(ASTM F1515) < 8.0 Δ E

Performance

Radiant Panel:	(ASTM 648) Class I
Smoke Density Flaming:	(ASTM 662) < 450
Slip Resistance:	(ASTM D2047) > 0.65
IIC Rating:	(ASTM E492-09) > 65 when tested over 6" concrete with ceiling plenum
Static Load:	(ASTM F970) < 0.005 at 500 psi, >750 or above
Antimicrobial Treatment:	Yes
Antimicrobial Activity:	Resists Bacterial Growth
Resistance to Fungi:	(ASTM G21) 0: Fungi Free
Caster Chair:	(ISO4918) Exceeds 5000 Cycles No Effect
Scratch Resistance Coating:	Flagship
Scratch Resistance:	Flagship Scratch Treatment



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Installation

System: Floating/Click Lock

Warranties

Wear: 25 Year Limited Wear Warranty

Environmental

Floorscore certified