



## GULFCOAST / Solution Core Technical & Specification Sheet

PRODUCT INFORMATION	
<b>Construction</b>	
Extruded Vinyl Core	Commercial & Residential
Top Layer	0.5mm (20mil) Wear Layer
Pre-Attached Underlayment	1.5mm IXPE
Use	Commercial & Residential
Size	7" * 48"
Wear Layer	20mil (0.5mm)
Finish	Aluminum Oxide
Gauge	6.5mm (0.25")
<b>Packaging</b>	
Pieces/Carton	10
Coverage/Piece	2.34 Sq.Ft
Coverage/Carton	23.36 Sq.Ft
Coverage/Pallet	55 Cartons (1285.15 Sq.Ft)
Coverage/Container	16 Pallets (20562.45 Sq.Ft)
<b>Warranty</b>	
Limited Warranty	20-Year Commercial Wear (limited) / 30 yr Residential Wear (limited) / Lifetime Delamination

NORTH AMERICAN STANDARDS – SAFETY & PERFORMANCE			
Standard	Description	Requirements	Results
ASTM E648	Radiant Panel (Critical Radiant Flux)	Class 1: $\geq 0.45 \text{ W/cm}^2$	Passes Requirements
ASTM E662	Smoke Density	Flaming & Non-Flaming $\leq 450$	Passes Requirements
ASTM D2047	Coefficient of Friction (Slip Resistance)	N/A	$\geq 0.6$ (Dry)
ASTM G21 <sup>1</sup>	Antifungal Activity	N/A	Top:0-1;Bottom:0
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM F970	Static Load Limit	$\pm 0.005"$ , 250-Lbs.Load	$\geq 500$ lbs. (Surpasses Requirements)
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average & Max $\Delta E < 8.0$	Surpasses Requirements
ASTM F1515	Resistance to Light	Average & Max $\Delta E < 8.0$	Surpasses Requirements
ASTM F410	Wear Layer Thickness	Commercial: $\geq 20$ mil (0.5mm)	Passes Requirements
ASTM D4060 <sup>2</sup>	Abrasion Resistance	N/A	Average: 20000 cycles

NORTH AMERICAN STANDARDS – SOUND			
Standard	Description	Requirements	Results
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss	Sound Transmission Class (STC) $\geq 50$	N/A
ASTM E492 & ASTM E989	Impact Sound Transmission	Impact Insulation Class (IIC) $\geq 50$	IIC 66 (Surpasses Requirements)

NALFA/ANSI STANDARDS (LF-01-2011) – PERFORMANCE						
Standard	Description	Class 1 (Residential)	Class 2 (Light Comm.)	Class 3 (Commercial)	Class 4 (Heavy Comm.)	Meets Requirements
Section 3.2	Thickness Swell	$\leq 18\%$	$\leq 16\%$	$\leq 16\%$	$\leq 12\%$	Classes 4
Section 3.5	Large Ball Impact Resistance	$> 800\text{mm}/31.5"$	$> 1000\text{mm}/39.4"$	$> 1200\text{mm}/47.3"$	$> 1400\text{mm}/55.1"$	Classes 3
Section 3.6	Small Ball Impact Resistance	$> 200\text{mm}/7.9"$	$> 200\text{mm}/7.9"$	$> 350\text{mm}/13.8"$	$> 500\text{mm}/19.7"$	Classes 3
Section 3.10	Surface Bonding	1N/mm <sup>2</sup>	1.25N/mm <sup>2</sup>	1.25N/mm <sup>2</sup>	1.5N/mm <sup>2</sup>	Classes 3

NORTH AMERICAN STANDARDS –SUSTAINABILITY	
Standard(s)	Description
FloorScore	This product is FloorScore Certified (SCS-FS-03340) .
GreenGuard	Gold / Low Chemical Emmisions (UL COM/GG, UL2818)