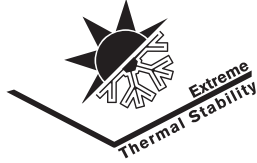
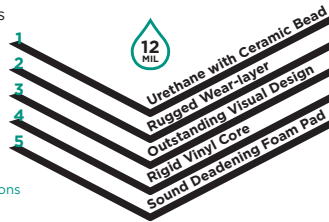


RigidCORE



Product Construction

- 1 HPSR Urethane with Ceramic Bead Particles
Scratch and stain resistant for easy maintenance
- 2 12mil Pressed Wear-layer
Protects against wear and gives an authentic look
- 3 Printed Design Layer
Wide range of visual designs for any décor or room
- 4 Rigid Virgin Vinyl Core
100% water, accident and odor proof
Thermally and dimensionally stable in extreme conditions
Eliminates telegraphing in uneven sub-floors
Easy installation with Välinge's 2G locking system
- 5 Attached Foam Pad
Blocks out sound and gives warmth to the floor



Collection: Cornerstone

Plank Size: 7" x 48" (180mm x 1220mm)

Gauge: 3.5mm + 1.0mm pad

Finish: HPSR Urethane with Ceramic Bead

Wear-layer: 12mil

Bevel: Authentic Painted

Gloss: Matte

Texture: Pressed

Pad: 1mm EVA Foam

Installation: All Grades and Levels

Warranty: 15-year Residential / 5-Year Commercial

Physical Properties

DESCRIPTION	STANDARD	RESULT	REQUIREMENT
Thickness	ASTM F386	PASSED	±0.005 in.
Wear Layer Thickness	ASTM F410	PASSED	Commercial: ≥12mil (0.3mm)
Size / Square	ASTM F2421	PASSED	±0.016" lf / ≤0.010"
Dimensional Stability	ASTM F2199-09	MD = 0.12% / AMD = -0.05%	≤0.51mm/305mm per lf (.17%)
Thermal Conductivity	ASTM C518-17	0.130 W/m.k / 0.033 (m2.K)/W	Smoke - S1 ≤ 750% min.
Fire Resistance - Reaction to Fire	ASTM E648/662	Class Bfl - S1 / Smoke = 260, Class 1	
Impact Sound Transmission	ASTM E492	IIC = 67	HUD 50
Airborne Sound Transmission Loss	ASTM E90	STC = 60	HUD 50
Fungus Resistance	ASTM G21-15	No Growth Observed	NA

Surface Properties

Abrasion (CS-17, 1000g, 1000rev)	ASTM D4060-14	Mass loss = 42.9mg	NA
Residual Indentation	ASTM F1914-07	Avg. = 0.05% / Max = 0.05%	Avg. = ≤ 8% / Max = ≤ 10%
Static Load	ASTM F970-17	0.02mm (1000 psi)	≥1,000 lbs.
Large Ball Impact Resistance 224g/38mm diameter	NALFA LF 01-2011 (3.5)	No cracking (224g / 1700mm high)	NA
Castor Chair Resistance	NALFA LF 01-2011 (3.9)	No visible damage (25,000 rev)	NA
Resistance to Chemicals - All Reagents	ASTM F925-13	0 = No Change	No more then slight change
Coefficient of Friction - Slip Resistance	ASTM C1028-07	Dry = 0.81 / Wet = 0.80	>0.5 (ASTM & OSHA) >0.6 (ADA Recommended)

Indoor Air Quality (IAQ) Criteria



This product is FloorScore® Certified and has thus been found to comply with the volatile organic compound emissions criteria of the California Section 01350 standard. FloorScore® Certification can also be used as an alternative path to obtaining LEED EQ 4.3 credit.