

noraplan®

Product	2.0 mm Products: eco™, environcare™, sentica™, stone™, environcare™ nTx™, sentica™ nTx™	3.0 mm Products: environcare, sentica, environcare nTx, sentica nTx	2.0 mm/3.0 mm: linee™	2.0 mm/3.0 mm: lona™	2.0 mm/3.0 mm: valua™	acoustic Products: environcare, sentica	ed Products: environcare, sentica
ASTM F1344 Rubber Floor Tile	Type I Grade 1 (excludes nTx)	Type I Grade 1 (excludes nTx)	-	Type I Grade 1	Type I Grade 1 (plank only)	-	Type I Grade 1 (2.0 mm only)
ASTM F1859 Rubber Sheet Floor Without Backing	Type I	Type I	Type I	Type I	Type I (excludes plank)	-	Type I
ASTM F1860 Rubber Sheet Floor With Backing	-	-	-	-	-	Type I Grade 2	-
Limited Wear Warranty (in years)	15	15	5	5	5	15	15
Bond Warranty (nTx only – in years)	10	10	-	-	-	-	-
Conductivity Warranty (in years)	-	-	-	-	-	-	10
Flammability (E648/NFPA 253): ≥ 0.45 watts/sq. cm for Class 1 required	Class 1 0.97 0.88 (nTx)	Class 1 1.03 0.82 (nTx)	Class 1 0.98 (2.0 mm) 1.03 (3.0 mm)	Class 1 0.93 (2.0 mm) 1.09 (3.0 mm)	Class 1 0.98 (2.0 mm) 1.08 (3.0 mm)	Class 1 1.0	Class 1 1.0
Smoke Density (ASTM E662/NFPA 258): < 450 required for both flaming/non-flaming	196/207 199/120 (nTx)	376/256 282/155 (nTx)	134/109 (2.0 mm) 360/203 (3.0 mm)	152/186 (2.0 mm) 150/246 (3.0 mm)	134/109 (2.0 mm) 360/203 (3.0 mm)	299/153	81/122 (2.0 mm) 352/342 (3.0 mm)
CAN/ULC-S102.2: Surface Burning for FSC1/SD	Contact the nora® Technical Department or refer to the nora Guide Specification for details.						
Slip Resistance (ASTM D2047): ≥ 0.5 required for both dry/wet	0.93/0.90	0.93/0.91	0.85/0.75	0.92/0.91 (2.0 mm) 0.97/0.94 (3.0 mm)	0.97/0.85	1.0/0.90	0.92/0.89
Bacteria Resistance (ASTM E2180/ ASTM G21)	Resistant to bacteria, fungi, and micro-organism activity						
Indoor Air Quality:	GREENGUARD Gold Certified for low VOC Emissions in compliance with CDPH 01350						
Carbon:	3 rd party certified carbon neutral throughout their entire life cycle through the Interface Carbon Neutral Floors™ program. Learn more at www.interface.com/carbonneutral .						
Latex Allergies (ASTM D6499)	Inhibition Elisa, results are below detection level						
Sound Absorption (ASTM E2179): compare ΔIIC values only	ΔIIC 11	ΔIIC 14	Call for specifics	ΔIIC 11 (2.0 mm) ΔIIC 14 (3.0 mm)	Call for specifics	ΔIIC 21	**
Sound Absorption (ISO 10140-3): compare ΔLw values only	ΔLw 8 dB	ΔLw 10 dB	ΔLw 8 dB (2.0 mm) ΔLw 10 dB (3.0 mm)	ΔLw 8 dB (2.0 mm) ΔLw 10 dB (3.0 mm)	ΔLw 8 dB (2.0 mm) ΔLw 10 dB (3.0 mm)	ΔLw 20 dB	ΔLw 6 dB (2.0 mm) ΔLw 10 dB (3.0 mm)
Hardness (ASTM D2240): Shore Type A	92	92	92	92	92	92	92
Static Load (ASTM F970): with 800 lbs./psi ≤ 0.005 in. with 250 lbs. required	0.003 0.002 (nTx)	0.003	0.002 (2.0 mm) 0.003 (3.0 mm)	0.003	0.002 (2.0 mm) 0.003 (3.0 mm)	0.003	0.003
Rolling Load Limit (ASTM F2753): lbs./psi (1)	450	550	450 (2.0 mm) 550 (3.0 mm)	450 (2.0 mm) 550 (3.0 mm)	450 (2.0 mm) 550 (3.0 mm)	450	450 (2.0 mm) 550 (3.0 mm)
Forklift Traffic	No	No	No	No	No	No	No

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Abrasion Resistance (ASTM D3389): H-18 Wheels 1.1 lb. load and 1000 cycles ≤ 0.035 oz. (1.0g) required	0.008	0.003	0.006	0.008 (2.0 mm) 0.003 (3.0 mm)	0.006	0.007	0.002 (2.0 mm) 0.003 (3.0 mm)
Oil & Grease Resistance (EN/ISO 26987)	No	No	No	No	No	No	Yes
Heat Resistance (ASTM F1514): Avg. ΔE ≤ 8.0 required	Easily achieved with all batches and regular maintenance.						
Light Resistance ASTM F1515): Avg. ΔE ≤ 8.0 required	Easily achieved with all batches and regular maintenance.						
Static Generation (AATCC 134): 20% RH	< 1000 volts	< 1000 volts	< 1000 volts	< 1000 volts	< 1000 volts	< 1000 volts	-
Static Generation (ANSI ESD S97.2): *	-	-	-	-	-	-	< 20 volts
Conductivity (ASTM F150): ohms	-	-	-	-	-	-	10 ⁶ < 10 ⁹
Thermal Transmission (ASTM C518): R-value	0.04	0.04	0.04	0.04	0.04	0.20	0.01 (2.0 mm) 0.04 (3.0 mm)

(1) The shape of the wheel's contact surface must be flat with rounded edges. No metal wheels. Short hardness should be ≤ 90, Type A.

* Tested with conductive shoes.

** Not tested.

Note: Exact values may vary due to the test methods and tolerance between batches. The ASTM minimum requirement shall be achieved or exceeded.

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nora systems, Inc.

9 Northeastern Blvd.
Salem, NH 03079
T: 800.332.NORA
T: 603.894.1021
info-us@nora.com
www.nora.com

nora®
by **Interface**®