

Product	arago, arago nTx	grano, satura, grano nTx, satura nTx	grano ed	hammered	926 round 825 round	xp, xp nTx	xp trac, xp trac nTx	920	992, 992 grano	Stairtreads		
										grano, satura	round, hammered	920
ASTM F1344 Rubber Floor Tile	Type IB Grade 2	Type IB Grade 2	Type IB Grade 2	Type IA Grade 1	Type IA Grade 1	Type IB Grade 1	Type IB Grade 1	Type IA Grade 1	Type IIA (992) Type IIB (992 grano) Grade 2	-	-	-
ASTM F2169 Resilient Stair Treads	-	-	-	-	-	-	-	-	-	Type TS Class 2 Group 1 or 2 Grade 2	Type TS Class 2 Group 1 or 2 Grade 1	Type TS Class 2 Group 1 or 2 Grade 1
Limited Wear Warranty (in years)	15	15	15	15	15	15	15	15	15	15	15	15
Bond Warranty (nTx only - in years)	10	10	-	-	-	10	10	-	-	-	-	-
Conductivity Warranty (in years)	-	-	10	-	-	-	-	-	-	-	-	-
Flammability (E648/NFPA 253): ≥ 0.45 watts/sq. cm for Class 1 required	Class 1 0.92 0.98 (nTx)	Class 1 0.92 0.97 (nTx)	Class 1 0.58	Class 1 0.87	Class 1 1.1 (926) 0.80 (825)	Class 1 0.71 0.54 (nTx)	Class 1 0.68	Class 1 0.94	Class 1 0.56	Class 1 1.0	Class 1 1.1	Class 1 0.94
Smoke Density (ASTM E662/NFPA 258): < 450 required for both flaming/non-flaming	267/130 369/205 (nTx)	267/130 346/145 (nTx)	418/285	162/208	380/230 (926) 413/367 (825)	423/290 422/201 (nTx)	372/284	272/167	289/373	334/168	380/230	272/167
Tunnel Test (ASTM E84): flame/smoke	**	**	**	**	**	**	**	Class A 15/300	**	**	**	Class A 15/300
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	0.81/0.87	0.99/0.95	1.0/0.90	0.90/1.0	0.76/0.85	0.78/0.84	.99/.98	0.85/0.76	0.93/0.93	0.99/0.95	0.85/0.76 (round) 0.99/0.95 (hammered)	0.85/0.76
Suitable for Ramps	No	No	No	Yes	No (926) Yes (825)	Yes	Yes	No	No	-	-	-
Bacteria Resistance (ASTM E2180/ ASTM G21)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GREENGUARD Gold Certified for Low VOC Emissions	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CA 01350 Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Latex Allergies (ASTM D6499)	Inhibition Elisa, results are below detection level											
Sound Absorption (ASTM E2179): compare ΔIIC values only	ΔIIC 15	ΔIIC 11	**	**	**	ΔIIC 15	ΔIIC 15	**	**	**	**	**
Sound Absorption (ISO 140): compare ΔLw values only	ΔLw 10 dB	ΔLw 11 dB	ΔLw 15 dB	ΔLw 9 dB	ΔLw 12 dB	**	**	ΔLw 13 dB	ΔLw 17 dB	**	**	**
Hardness (ASTM D2240): Shore Type A	82	82	84	89	82 (926) 89 (825)	89	89	91	77	82	82	91

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Static Load (ASTM F970): with 800 lbs./psi ≤ 0.005 in. with 250 lbs. required	0.004	0.005	0.004	0.005	0.004	0.002	0.005	0.005	0.004	0.005	0.005	0.005
Rolling Load Limit: lbs./psi (1)	850	850	850	550	850 (926) 550 (825)	850	850	850	850	-	-	-
Forklift Traffic	Yes	Yes	Yes	No	Yes (926) No (825)	Yes	Yes	Yes	Yes	-	-	-
Abrasion Resistance (ASTM D3389): H-18 Wheels 1.1 lb. load and 1000 cycles ≤ 0.035 oz. (1.0g) required	0.008	0.002	0.004	0.006	0.002 (926) 0.005 (825)	0.005	0.005	0.007	0.005	0.002	0.005 (round) 0.006 (hammered)	0.007
Oil & Grease Resistance	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	No
Heat Resistance (ASTM F1514): Avg. ΔE ≤ 8.0 required	Easily achieved with all batches and regular maintenance.											
Static Generation (AATCC 134): 20% RH	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts
Static Generation (ANSI ESD S97.2): *	-	-	< 20 volts	-	-	-	-	-	-	-	-	-
Conductivity (ASTM F150): ohms	-	-	10 ⁶ < 10 ⁹	-	-	-	-	-	-	-	-	-
Thermal Transmission (ASTM C518): R-value	-0.90	-0.90	**	**	**	**	**	**	**	**	**	**

(1) The shape of the wheel's contact surface must be flat with rounded edges. No metal wheels. Shore hardness should be ≤ 99, 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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