



Product	grano	grano ed	ingresso	round & hammered	satura	serra	xp	xp trac	920	992	992 grano	stairtreads		
												grano / satura	round & hammered	920
Limited Wear Warranty (in years)	10	10	10	10	10	10	10	10	10	5	5	10	10	10
Conductivity Warranty (in years)	—	10	—	—	—	—	—	—	—	—	—	—	—	—
ASTM F1344 (tiles) Classification	Type IB Grade 2	Type IB Grade 2	Type IIB Grade 2	Type IA Grade 1	Type IB Grade 2	Type IB Grade 2	Type IB Grade 1	Type IB Grade 1	Type IA Grade 1	Type IIA Grade 2	Type IIB Grade 2	—	—	—
ASTM F2169 Classification	—	—	—	—	—	—	—	—	—	—	—	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
Critical Radiant Flux ASTM E648 (min ≥0.45)	Class 1 1.0	Class 1 0.55	Class 1 1.04	Class 1 0.8 (round) 0.87 (hammered)	Class 1 1.0	Class 1 1.1	Class 1 0.71	Class 1 0.68	Class 1 0.94	Class 1 0.56	Class 1 0.56	Class 1 1.0	Class 1 1.1 (round) 1.1 (hammered)	Class 1 0.94
Smoke Density ASTM E662 (both <450) flaming/non-flaming	334/168	325/259	240/181	413/367 (round) 162/208 (hammered)	334/168	380/230	423/290	372/284	272/167	289/373	289/373	168/334	380/230 (round) 380/230 (hammered)	272/167
Tunnel Test ASTM E84	**	**	**	**	**	**	**	**	Class A (flame 15/ smoke 300)	**	**	**	**	Class A (flame 15/ smoke 300)
Static Coefficient of Friction ASTM D2047 (dry/wet)	0.99/0.95	1.0/0.9	0.95/0.92 (landscape) 0.85/0.92 (hammered)	0.76/0.85 (round) 0.9/1.0 (hammered)	0.99/0.95	0.81/0.87	0.9/1.0	0.99/0.98	0.85/0.76	0.85/0.85	0.85/0.85	0.99/0.95	0.85/0.76 (round) 0.99/0.95 (hammered)	0.85/0.76
Suitable for Ramps	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	—	—	—
Abrasion ASTM D3389 H-18 wheel 1.1 lbs load and 1000 cycles (<0.035 oz required)	0.002	0.004	0.007	0.005 (round) 0.006 (hammered)	0.002	0.008	0.005	0.005	0.007	0.005	0.005	0.002	0.005 (round) 0.006 (hammered)	0.007
Shore Hardness Type A ASTM D2240	82	84	85	89	82	82	89	89	91	77	77	82	82	91
Rolling Load Limit (lbs/psi) (1)	850	850	Caster chair	550	850	850	850	850	850	850	850	—	—	—
Forklift Traffic	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	—	—	—
Static Load Limit (Residual Compression) ASTM F970 with 800 lbs/psi	0.005	0.004	0.002	0.004 (round) 0.005 (hammered)	0.005	0.004	0.002	0.005	0.005	0.004	0.004	0.005	0.005 (round) 0.005 (hammered)	0.005
Heat Resistance ASTM F1514, Require Avg. ΔE ≤8.0	← Easily achieved with regular maintenance. →													
Sound Absorption E2179 (ΔIIC only)	ΔIIC 11	**	**	**	ΔIIC 11	**	ΔIIC 15	ΔIIC 15	**	**	**	**	**	**
Sound Absorption ISO 140 (ΔLw only)	ΔLw 11 dB	ΔLw 15 dB	ΔLw 8 dB	ΔLw 12 dB (round) ΔLw 9 dB (hammered)	ΔLw 11 dB	**	**	**	ΔLw 13 dB	ΔLw 17 dB	ΔLw 17 dB	**	**	**
Oil and Grease Resistance	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No	No	Yes	No	No
Chemical Resistance	← Call for specifics. →													
Static Generation ANSI ESD 597.2*	—	<20 volts	—	—	—	—	—	—	—	—	—	—	—	—
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	<2000 volts	<2000 volts
Decay Time FTM 101 C 4046	—	<0.25 (sec)	—	—	—	—	—	—	—	—	—	—	—	—
ESD ASTM F150 (ohms)	—	10 ⁶ < 10 ⁹	—	—	—	—	—	—	—	—	—	—	—	—
Bacteria Resistance ASTM E2180 and ASTM G21	Yes	Yes	Yes	Yes	Yes	Yes	**	**	Yes	Yes	Yes	Yes	Yes	Yes
GREENGUARD Certified for Low VOC Emissions	Yes	**	**	Yes	Yes	Yes	**	**	Yes	**	**	Yes	Yes	Yes
GREENGUARD Gold Certified for Low VOC Emissions	Yes	**	**	Yes	Yes	Yes	**	**	Yes	**	**	Yes	Yes	Yes
CA 01350 Compliant	Yes	**	**	Yes	Yes	Yes	**	**	Yes	**	**	Yes	Yes	Yes

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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