

# TECHNICAL DATA

## FLEX SOLID RUBBER & SUSTAIN CORK RUBBER

Z#004

Description	Test Standard	Product Line	
		Sustain	Flex
Limited Wear Warranty		10 yr	12 yr
Material Classification	ASTM F1344, F1859 or F2169	Type IB (F1344)	Type IB (F1344)
Critical Radiant Flux	ASTM E648	Class 1	Class 1
Smoke Density	ASTM E662	<450 pass	<450 pass
Fire & Smoke Behavior. European Testing Standards	EN 13501-1	B <sub>FL</sub> - s1	B <sub>FL</sub> - s1
Coefficient of Friction	ASTM D2047 - Dry	0.71	0.61
	ASTM D2047 - Wet	0.76	0.60
Slip Coefficient exceeds UL and ADA Recommendations		Yes	Yes
Suitable for Ramps		Yes	Yes
Hardness (Shore A)	ASTM D2240	86	86
Static Load Limit / PSI	ASTM F970	650	850
Chemical Resistance	ASTM F925	Excellent <sup>1</sup>	Excellent <sup>1</sup>
Bacterial Resistance	ASTM G21	Resistant	Resistant
CHPS Indoor Air Quality Compliant	CA 01350	Yes	Yes
Meets Test Required for Floor Score Certification	CA 01350	Yes	Yes
Resistance to Cigarette Burns	DIN 519611984	Yes	Yes
Forklift Traffic		Yes (HD Version)	Yes (HD Version)
Suitability for Castered Chairs <sup>2</sup>		Yes	Yes
Electrical Behavior		4.4 x 10 <sup>7</sup>	≤ 3.5 x 10 <sup>7</sup>
Acoustical Behavior - STC	ASTM 90/413	67	
Acoustical Behavior - IIC	ASTM 492/989	71	

- Detailed test results may be obtained from Zandur.
- Material should be installed with Zandur #15 two part urethane adhesives to achieve best performance where heavy loads may be applied. Casters must be of 90 durometer (Shore A) or lower hardness, must be made of rubber and shall have rounded edges. Ball casters are not recommended. Due to the abrasive nature of casters, chain pads are highly recommended to protect the floor from pre-mature wear.
- Note: Above test results are from specific materials. Variance from above values may occur due to minor batch variances.