



amazing seamless surfaces

## TECHNICAL DATA SHEET FUSIONFLEX®

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E-modulus (DIN53.457)	approx. 125 MPa	
Tensile strength	approx. 14 MPa	
Elongation at break	approx. 60%	
Hardness	approx. 60 Shore D	
Abrasion resistance	(ASTM D4060)	0.05 gram
Water tight	yes	
Shock and impact resistance	very good	
Percentage of plasticizer	none	
IAQ – VOC emissions	Meets CA Section 01350 testing – (Criteria for 1 full LEED point)	
Fire resistance (NEN 1775/DIN 4102)	Class T1	
Smoke density (NEN 6066)	$D_{L,H;MAX} = 6.3 M^{-1}$	
Shrinkage after curing	none	
Chemical resistance properties	Chemical resistance is good to inorganic acids, bases and solvents. *Inquire for specific chemical resistant properties lists.	
Static coefficient of friction	ASTM D-2047	0.6 or better
Abrasion resistance (with granules)	ASTM C-501	0.19
<b>MEA Standard Met: *</b>		
Toxic Potency under Combustion	UPITT - LC <sub>50</sub> =	35.8 g
Critical Radiant Flux	ASTM E 648-06a	1.05 W/cm <sup>2</sup>
Fire rating	ASTM E 84	MEET & EXCEEDS

\*Although all qualifications per the City of NY have been met, additional MEA numbers will no longer be issued. Verification of qualification of MEA standards can be obtained by contacting NYC Engineers Dept.

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