



produced by
SOMMER DATWYLER AG

UNIFLOOR SELECT SUPER ANTISTATIC
Heat-Weldable Solid Vinyl Sheet and Tile 2mm (.080")

Short Form Specification: Flooring material shall be Unifloor Select Super 2mm (.080") heat-weldable homogeneous vinyl, in size and color as hereinafter specified and as manufactured by Sommer-Datwyler AG Altdorf, Switzerland and as distributed by Tek Stil Concepts, Inc., Material shall be manufactured by calendaring technology as a non-layered homogeneous, asbestos free, multi-colored random marbled pattern, with vinyl, color, and random pattern marbleization extending in uniform density throughout the entire product thickness. Material shall not be subject to separation or cranking when folded back on itself repeatedly.

Weight, Siam, thickness:

Weight:	3000 gm/m ² (88 oz./sy)	Roll size:	150cm (5 ft) x 30m (99') approx.,
Gauge:	2mm (.080" gauge)	Tile sizes:	30cm (12"); 50cm (19.5"); 60cm (24")

Performance Specifications:

Fire Safety ASTM E-84 Steiner Tunnel; NFPA 255; UL723; ANS 2.5; UBC 42-1:	FS-20, Class A
Flooring Radiant Panel ASTM E648; NBSIR 75-950; NFPA 253, Critical Radiant Flux:	1.07 W/cm ² , Class I
Smoke Density ASTM E-662; NFPA258 Average optical density in burning/smoldering mode:	<450
Impact Noise Reduction:	7dB
Resistance to Light Fading, ISO:	6-8 good
Resistance to Heat Transfer:	110W/m ² K (95Kcal/m ² /h/°C)
Residual Indentation:	.5% average
Abrasive Wear, Taber H-18, cycles, 500 gm weight	exceeds 50,000 cycles
Friction Properties. ASTM D-2047, James Test average wet/dry	exceeds .62, similar to wood.
Static load limit, DIN 16961.2:	<350 lbs/in ²
Residual Indentation mm after 700 psi. after 2.5 hours of recovery DIN 16961.2:	0.05 (standard <0.07)
Dynamic load limit, DIN 16961.2:	<700 lbs/in ²
Charge Decay Time FTMS 4046-101c:	17 seconds
Surface Resistivity (NFPA99) ASTM D257 Volume Resistivity (NFPA99):	6.7 s 00 ohm, approximately:
Electrostatic Propensity AATCC 134:	Neolite step +5.3KV; Neolite scuff +6.0KV; SD polyurethane step -0.2KV; SD polyurethane scuff 0.7KV
Product meets or exceeds all requirements of Federal Specifications LF-475a and SST-312b for dimensional stability, flexibility, and resistance to reagents and residual indentation.	