

TECHNICAL SPECIFICATION  
SPC FLOORING

**OCEAN SPC**

WIDEBODY

Thickness (Including pad)	ISO24346	5.5mm Tolerance of +0.13mm, -0.1mm
Wear Layer	ISO24346	0.5mm
Squareness	ISO243426 ASTM F2055-10	≅ 0.25mm
Straightness	ISO24342	≅ 0.25mm
Surface Treatment		Urethane Ceramic Bead
Performance classification	ISO10582 ASTM F1700	42: Light industrial general 33: Commercial heavy 23: Domestic heavy Class 1 type B grade 1
Guarantee	Commercial Domestic	15 years 20 years
Dimensional stability	ISO 23999 ASTM F 2199	≅ 0.1% ≅ 0.013in/ft
Heat Curl	ISO 23999	≅ 2mm
Static load	ASTM F970	0.02 mm
Resistance to Impact	ASTM F 1265	No crack
Residual indentation	ISO24343-1 ASTM F1914	≅ 0.05mm <5%
Abrasion resistance	EN 660-2 ASTM 3389	Group T Pass Wear Index: 0.128
Resistance to heat	ASTM F1514	E<8.0
Light fastness	ISO 105-B02 ASTM F-1515	≅ 6 E=0.73
Reaction to fire	ISO9239-1 ASTM E-648-06	Bfl-S1 Class 1
Smoke density	ASTM E662	Pass
Slip resistance	EN 13893 DIN 51130 ASTM C-1028	Class DS R10 Dry: 0.8 Wet: 0.7
Chemical resistance	ASTM F925 ISO4918	Pass. No more than a slight change in surface dulling, surface attack or staining
Castor chair suitability	NALFA/ANSILF-1	Pass No visible damage after 25000 revolution
Underfloor heating		Suitable, max 27°C
VOC emissions	FloorScore DIBT	<i>Certified Certified</i>
SVHC	(EC) No 1907/2006	PASS ≅ 0.1%
Impact Insulation Class	ASTM E989-12	IIC 58
Weighted improvement of impact sound insulation	ISO 717-2:2013	ΔLw=21dB
Spectrum adaptation	ISO 717-2:2013	C <sub>1Δ</sub> =-10dB
Weighted normalized impact sound pressure level	ISO 717-2:2013	L <sub>n,w</sub> =50dB
Spectrum adaptation	ISO 717-2:2013	C <sub>1</sub> =1dB
Formaldehyde emission	EN 717-1:2004	class E1
Antistatic propensity-walking t	EN 1815:2016 Method A	Pass
Pentachlorophenol	EN14041:2004 ANNEX B & EN	Unit: mg/kg MDL: 5.0 001: ND
Resistance to staining	ISO 26987:2008	Not affected