

Polaris® technical specifications

description

Characteristics	Standards	Units	Polaris®		
Description			Sports flooring		
General performance	BS EN 14 904 : 2009	Property	Friction		
			Shock Absorption		
			Vertical Defromation		
			Resistance to rolling load		
Special treatment			Vertical ball behaviour		
			PUR : no wax no polish		
			SureClean™		
			Glass fibre grid reinforcement		
Overall thickness	EN 428	mm	4.50	6.50	8.00
Weight	EN 430	g/m ²	3100	4200	5200
Sheet size	EN 426	m(width)	1.5	1.5	1.5
		m (length)	15	10	10
		m ² (surface area)	22.5	15	15
Thickness of wear layer	EN 429, ASTM F410	mm	0.50 (Polaris Punch)		
			1.50 (Polaris Footwork)		



performance

Technical Characteristics			
Friction	BS EN 14 904	-	89 (Pass)
Shock absorption		Annex B of BS	P2 (Pass)
Vertical deformation		En 14904	P2 (Pass)
Vertical ball behaviour		%	98 (Pass)
Resistance to rolling load		mm	0 (Pass)
Resistance to wear		mg	241 (Pass)
Specular reflectance		%	42
Specular gloss		%	17 (Pass)
Resistance to indentation		mm	0.23 (Pass)
Classification			
Fire	EN 13501-1: 2007+A1: 2009	-	Cfl - S1
Special treatment			PUR, SureClean™

The above data is valid at the time of print. For more details regarding technical specifications, handling and installation, please contact Responsive Industries Ltd.



Polaris® is VOC ($\leq 1/2$ Chronic REL) and formaldehyde compliant ($\leq 9.0 \mu\text{g}/\text{m}^3$) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

