



HARTVINYL ATRIA RELAX

Technisches Datenblatt

SPC Technical Specification

PHYSICAL FEATURES	NORMATIVE REFERENCE/TEST	RESULTS CLASSIFICATION	CONCLUSION
Product type		Stone and polymer composit 4mm product + 1mm XPE underlay	
Board dimension		1522 x 225 x 5 mm	
Wear layer		0.50 mm	
Intended use		Flooring	
Office Chair	EN 16511/EN15468	25000 cycles (without pad)	Class 33
Anti-slip	DIN 51130:2014-02	R9	PASSED
Slip Resistance	D.M 14 june 1989 n.236/ B.CR.A.Method D.M 14 june	Class DS	PASSED
Reaction to fire	EN 14041/EN 717-1:2004 "EN 13501-1:2007	140 Bfl-s1	Bfl-s1
Emissions of formaldehyde	EN 14041/EN 717-1:2004	Not detected (<MDL) MDL=1.5 mg/m3	Class E1
Phtalato Content	EN 14372	Not detected	PASSED
Water absorption	EN16511/ISO 24336	0.50%	-
All tested SVHCs (174 articles) regarding achievement	Regolamento Europeo No.1907/2006/Spectometria	Not detected (lower than RL)	in accordance with regulations
PCP content	EN 14041/EN 12673	Not detected (<MDL) MDL=0.05mg/kg	PASSED
Lead content	CPSIA/CPSC-CH-E1002-08.3	Not detected (<MDL) MDL=100 mg/kg	Meet children toy regulation
Color stability in artificial lig	EN 13329/ISO 105-B02:2014	>Grade 6	PASSED
Analysis of VOC (Volatile ganic Compounds) content	Decreto No2011-321 FloorScore /ISO 16001	Not detected	A+





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Dimensional stability and ling	EN16511/EN ISO 23999:2012	Curling $\leq 1\text{mm}$ Dimensional change:	-
Heat Resistance	EN 14041/EN ISO 10456	0.1- 0.09(m ² K)W	Suitable for under-flooring heating system -max 27°C
Thermal conductivity	EN 14041/EN 12667	0.04 - 0.045(m ² K)W	Suitable for under-flooring heating system -max27°C
Cleanability: resistance to stains	EN 16511/EN 438-2:2005	No visible change after 10 minutes in contact with	PASSED
Scratch resistance	ISO 1518-1	>2300g	PASSED
Determination of peel resistance	EN ISO 24345	length direction:80N/50mm width direction:75N/50 mm	PASSED
Degree of abrasion resistance	UNI EN 13329:20171 UNI EN 15185:2011	"IP"Initial wear point>6000 Turns	Abrasion resistance class: AC5
Degree of wear resistance	EN16511/ISO24338	> 5000 cycles	Class 33
Residual indentation	EN 16511/ EN 433/ISO 24343-1	0.08 mm	Class 34
Impact resistance	EN 16511/EN 13329	>1800 mm	Class 34
Weighted improvement of impact soundinsulation	ISO 10140-3.2021/ ISO717-2:2020	15 dB	PASSED
Locking strenght	EN 16511/ISO 24334	Long side:3.2 KN/m Short side:3.4 KN/m	PASSED

