

PREMIUM EUROPEAN SPC FLOORS

DIMENSIONS			
Thickness	$5.00 \text{ mm} \cdot t_{\max} - t_{\min} \leq 0.50 \text{ mm}$		
Length	$1219.2 \text{ mm} \cdot l_{\max} - l_{\min} \leq 0.50 \text{ mm}$		
Width	$181.1 \pm 0.10 \text{ mm} \cdot w_{\max} - w_{\min} \leq 0.20 \text{ mm}$		
TOLERANCE			
Squareness	EN 16511	$\leq 0.20 \text{ mm}$	
Straightness	EN 16511	$\leq 0.30 \text{ mm / m}$	
Flatness Crosswise	EN 16511	Concave: $\leq 0.15\%$ · convex: $\leq 0.20\%$	
Flatness Lengthwise	EN 16511	Concave: $\leq 0.50\%$ · convex: $\leq 1.00\%$	
Openings between Elements	EN 16511	Average: $\leq 0.15 \text{ mm}$ · max: $\leq 0.20 \text{ mm}$	
Height Difference between Elements	EN 16511	Average: $\leq 0.10 \text{ mm}$ · max: $\leq 0.15 \text{ mm}$	
TEST			
Abrasion Resistance Method B	EN 16511	$\geq 3000 \text{ cycles}$	
Impact Resistance	EN 16511	$\geq 1200 \text{ mm}$	
Micro Scratch Resistance	EN 16511	$\leq \text{MSR-A1}$	
Stain Resistance	Group 1 & 2	EN 16511	Grade 5
	Group 3	EN 16511	Grade 4
Castor Chair Test	ISO 4918	No change in appearance after 25.000 cycles	
Effect of Furniture Leg	EN 16511		
Thickness Swelling	EN 16511	No swelling	
Residual Indentation	EN 16511	$\leq 0.20\text{mm}$	
Locking Strength	EN 16511	$f_{10,2} \geq 1 \text{ kN/m (length); } f_{50,2} \geq 1.5 \text{ kN/m (width)}$	
Dimensional Stability	EN 16511	$\leq 0.25 \%$	
ENVIRONMENT			
Emission of Formaldehyde	CDPH	PASS	
PHYSICAL BEHAVIOR			
Fire Behaviour	EN 13501-1	Bfl-s1	
Slide Resistance	EN 13893	DS	
Thermal Resistance	EN 12667	$0.01 \text{ (m}^2\text{k)/W}$	
Electrostatic Behaviour	EN 1815	Antistatic Floor Covering	
SOUND ABSORPTION QUALITIES			
Calculated Impact Insulation Class	ASTM E492-09	IIC 62	
Calculated Sound Transmission Class	ASTM E90-09	STC 60	

The data sheet is updated regularly to meet new technological standards. This version replaces all previous versions as well as those which are undated.

SPC RIGID CORE Flooring of floating installation, Level of use according to EN 16511: Class 32
FOR FLOORING TO BE USED IN LIVING AREAS AND COMMERCIAL PREMISES



- **VILEN DOOR s.r.o.**
- U Továren 260/25, 102 00
Praha, Hostivař
- ČESKÁ REPUBLIKA

TRUSTONE brand TS EN
14041:2004+AC:2005+AC:2006 Resilient, Textile and
Laminate Floor Coverings - Manufactured for general
use in buildings conforming to the main features
SPC Vinyl Flooring 4mm+1mm IXPE 0,55mm
18052021-DOP-01

Reaction to fire classification : Bfl s 1

Pentachlorophenol : NPD

Formaldehyde : E1

Waterproof : NPD

Slip Resistance : DS

Static electrical charging : NPD

Thermal resistance : NPD