



# TECHNICAL DATA SHEET



## GLUE DOWN

			WRT 600 x 300 x 4mm   23 5/8 x 11 13/16 x 3/16"	PU 450 x 450 x 6mm   17 11/16 x 17 11/16 x 1/4" 600 x 150 x 4mm   23 5/8 x 5 7/8 x 3/16" 600 x 300 x 4mm   23 5/8 x 11 13/16 x 3/16" 600 x 300 x 6mm   23 5/8 x 11 13/16 x 1/4" 600 x 450 x 4mm   23 5/8 x 17 11/16 x 3/16" 900 x 150 x 4mm   35 7/16 x 5 7/8 x 3/16" 900 x 300 x 4mm   35 7/16 x 11 13/16 x 3/16"	Sanded 600 x 300 x 4mm   23 5/8 x 11 13/16 x 3/16" 600 x 300 x 6mm   23 5/8 x 11 13/16 x 1/4"
Level of use Domestic	ISO 10874	Class			
Level of use Commercial	ISO 10874	Class		-	
Finish Description	-	-	UV-cured Acrylic varnish with ceramic beads	Water based PU varnish	Sanded surface
	<b>Standard-Test Method</b>	<b>Unit</b>	<b>Specification</b>		

### General Properties - EN 14085 + EN 12104 + EN 655

Dimensions:	EN ISO 24346	mm	≤ 0,2% up to max. 1,0	≤ 0,2% up to max. 1,0	≤ 0,2% up to max. 1,0
Overall thickness	EN ISO 24346	mm	0; + 0,25	0; + 0,25	0; + 0,25
Squareness	EN ISO 24346	mm	-	-	≤ 0,5
Straightness measured at the surface layer	EN ISO 24346	mm	-	-	≤ 1,0
Squareness & Straightness: ≤ 400mm > 400mm	EN ISO 24346	mm	≤ 0,5 ≤ 1,0	≤ 0,5 ≤ 1,0	≤ 0,5 ≤ 1,0
Dimensional stability after exposure to heat	EN ISO 23999	%	≤ 0,4	≤ 0,4	-
Curling after exposure to heat	EN ISO 23999	mm	≤ 6	≤ 6	-
Moisture content	EN 12105	%	3,5-4,5	-	3,5-4,5
Mass per unit area	ISO 23997	g/m²	Nominal Value (2000) ± 10%	4mm: nominal value 1800+ - 10% 6mm: nominal value 2700 + - 10%	-
Apparent density	EN 672	Kg/m³	≥ 95% of Nominal Value (450)	≥ 95% of nominal value (450)	≥ 95% of nominal value (450)

### Classification Properties - EN 14085 + EN 12104 + EN 655

Overall thickness	EN ISO 24346	mm	≥ 4,0	≥ 4,0	-
Apparent density	EN 672	Kg/m³	≥ 450	≥ 450	-
Castor chair	EN 425	Visual effect after 25 000 cycles	-	No disturbance to the surface other than slight change in appearance and no delamination shall occur	-
Simulated movement of a furniture leg	EN 424	Visual effect	-	No damage shall be visible after testing with a type 2 foot	-
Residual indentation	EN ISO 24343-1	mm	≤ 0,40	≤ 0,40	≤ 0,40



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### Safety properties - EN 14041

Fire resistance	EN 13501-1	Class	D fl-s1	4mm: C fl-s1 / 6mm: D fl-s1	C fl-s1
Slip classification	EN 13893	Class	DS	DS	-
Formaldehyde emission	EN 717-1	Class	E1	E1	E1
Electrical behaviour	EN 1815	KV	Not Antistatic	Not antistatic	Not antistatic
Content pentachlorophenol (PCP)	EN 14041 (Annex B)	mg/Kg	PCP Free	PCP Free	PCP Free

### Optional properties

Stains resistance	ISO 26987(b)	Grade (c)	Grade 0	Grade 0 (ammonia grade 3; iodine grade 2)	-
Thermal resistance	EN 12667	(m²K)/W	R ≤ 0,150	R ≤ 0,150	R ≤ 0,150
Impact sound reduction	ISO 140-8	dB (Δ Lw)	-	4mm: 13 / 6mm: 14	-
Reduction improvement	EPH/IHD Works Standard 431	dB(A)	-	4mm: 15,3 / 6mm: 17,2	-
Difference of loudness		%	-	4mm: 65 / 6mm: 69	-

### ASTM Standards

Stains resistance	ASTM 925	Grade (a)	Grade 0	-	-
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Greenguard Certification helps the identification of interior products and materials that have low chemical emissions, improving the quality of the air in which the products are used. It promotes global sustainability, environmental health, and safety.



An Environmental Product Declaration is a verified document that reports environmental data of products based on life cycle assessment and other relevant information in accordance with the international standard ISO 14025.



TÜV-PROFICERT-product Interior brand is a voluntary, independent label for VOC-emission and quality of floorings. The results comply with the emission thresholds of AgBB, Belgian VOC regulation, Finnish M1 classification, BREEAM Exemplary Level, LEED v4 (outside North America), RAL-UZ 120 and Austrian Eco Label (Guideline UZ 56).



The goal of the German Cork Association is to assure the quality of cork products, as well as the optimization of manufacturing processes and the support of research projects.



As of January 2012, France has adopted regulations that limit total VOC emissions of building products. Manufacturers, selling their products in France must obtain a classification ranging from A+ (very low emissions) to C (high emissions). The declared goal is to improve indoor air quality in private/commercial buildings.



**(only for gluedown solution)**  
Eco Mark is a Japan Environment Association program that promotes environment-friendly lifestyles through wise product choices. This certification analyses criteria for every product category taking into consideration the environment life stage.



The Blue Angel is a voluntary certification that guarantees that a product or service meets high standards when it comes to its environmental, health and performance characteristics. In the process, these products and services are always evaluated across their entire life cycle.

認定対象品は引downの塗膜及び無塗膜製品です。





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- (a) The following products were tested: White vinegar (5% acetic acid), Rubbing alcohol (70% Isopropyl), Mineral Oil, 5% Sulfuric acid, Household bleach, Household Ammonia, Kerosene, Olive Oil, Unleaded gasoline.
- (b) The following products were tested: disinfectant, Cleaning benzine, Ammonia solution, Ethanol, Citric Acid, Iodine.
- (c) Grade 0 - Unchanged / Grade 1 - Little changed / Grade 2 - Moderately changed / Grade 3 - Strong changed.
- (d) Must be varnished on-site with minimum 3 coats of w-2000 or another recommended varnish.
- (e) Must be varnished on-site with minimum 3-4 coats of w-2000 or another recommended varnish for this level of use (see recommendation table in the packaging).

Wicanders Flooring Collection is supported by a warranty.  
Please, read the warranty terms on [www.wicanders.com](http://www.wicanders.com)