

TECHNICAL DATA SHEET

12mm V4 AC5 AQUA PROTECT

DIMENSIONS

FORMAT

Width	192	mm
Length	1291	mm
Number of panels per pack	6	
m ² per pack	1.453	m ²
Thickness	12	mm
Bevels	4V	
Tongue and groove	Uniclic water resistant surface	

FACTORY WARRANTY

	METHOD	PARAMETERS	VALUES	
Usage class	EN 13329		Class	21-22-23/31-32
CE	EN 14041			
Warranty	Residential use	See warranty conditions	25	years
	Commercial use	See warranty conditions	5	years
	Water Resistancy	See warranty conditions		

L DATA (ACCORDING TO EN 13329)

	METHODE	PARAMETERS	NORM REQUIREMENTS		VALUES	
Wear resistance	EN 13329		≥ 4000	cycles	≥ 6000	cycles
Wear class	EN 13329		AC4		AC5	
Impact resistance	EN 13329	Small ball	≥ 12N		≥ 12N	
		Big ball	≥ 750mm		≥ 750mm	
Scratch resistance	EN 438-2, 25		Charge ≥ 3N		Charge	≥ 5N
Effect of a castor chair	ISO 4918 (with underlay)	Type W (EN 12529)	25000	cycles	No change	
Thickness swelling	ISO 24336	After 24h immersion at 20°C	≤ 18%		≤ 18%	
Locking strength	ISO 24334	Fl0,2 long side	≥ 1 kN/m		≥ 1	kN/m
		Fmax long side			≥ 1	kN/m
		Fs0,2 short side	≥ 2 kN/m		≥ 2	kN/m
		Fmax short side			≥ 2	kN/m
Effect of a furniture leg	EN 424		No damage shall be visible, when tested with foot type 0		No visible damage	
Resistance to staining	EN 438	Group 1,2	Class	5	Class	5
		Group 3	Class	4	Class	4
Light fastness	EN ISO 4892-2:2006/A1:2009 procedure B - cycle 5	grey reference	Class	≥ 6	Class	6

ENVIRONMENT, SAFETY & HEALTH

	METHOD	PARAMETERS	NORM REQUIREMENTS		VALUES	
Formaldehyde emission	EN 717-1	ppm	E1 < 0,1		< 0,01	
Reaction to fire	EN 13501-1	Class			Cfl-s1	
Thermal resistance	EN 12996:2001	m ² K/W			0.072	m ² K/W
Slip resistance	EN 13893	μ	μ ≥ 0,30		DS: μ ≥ 0,30	



EN14041:2004/AC:2005
Unilin V4 AC5 AQUA PROTECT