

# TECHNICAL DATA SHEET

Elka 12mm V4 AC5  
Edition 04/2019

## DIMENSIONS

### FORMAT

Width	192	mm
Length	1291	mm
Number of panels per pack	6	
m <sup>2</sup> per pack	1.4530	m <sup>2</sup>
Bevels	4V	
Thickness	12	mm
Tongue and groove	Uniclic	

## 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

## GENERAL 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 Big ball	≥ 12N ≥ 750mm	≥ 12N ≥ 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	F10,2 long side Fmax long side Fs0,2 short side Fmax short side	≥ 1 kN/m ≥ 2 kN/m	≥ 1 kN/m ≥ 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 Group 3	Class 5 Class 4	Class 5 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		CFI-s1
Thermal resistance	EN 12996:2001	m <sup>2</sup> K/W		0.072 m <sup>2</sup> K/W
Slip resistance	EN 13893	μ	μ ≥ 0,30	DS: μ ≥ 0,30

