

Technical Data.

selekta/heritage-selekta/siding/heritage/selekta Al



	selekta, heritage-selekta, siding, heritage	selekta Al L = 5480 mm, H = 18 mm		
Properties	Value	Value	Unit	Test specification
1. Density	800 – 950	2700	kg/m ³	EN 323
2. Flexural strength	40 – 45	–	N/mm ²	EN 310/EN 438
3. Elasticity modulus	4000 – 6000	70000	N/mm ²	EN 310/EN 438
4. Tensile strength vertical to the surface (transverse tensile strength)	2.0 – 3.0	215	N/mm ²	EN 319
5. Tensile strength	–	–	N/mm ²	EN ISO 527/EN 438
6. Screw withdrawal strength ¹⁾	800 – 1300	–	N/mm ²	WERZALIT TEST STANDARD
7. Swelling after storage in water at 20 °C	0.3 – 0.6	0.0	%	DIN 317
after 2 h		0.0	%	DIN 317
after 24 h	3.0 – 5.0			
at 100 °C	–	0.0	%	VHI quality seal/
after 5 h			%	WERZALIT
			%	TEST STANDARD
8. Moisture content	5 – 10	0.0	%	EN 322
9. Temperature resistance under permanent load	-50 to +70	-50 to +70	°C	WERZALIT TEST STANDARD
temporary load	+120	+120	°C	
10. Fire behaviour	B2 resp. D-s2,d2	non-flammable		DIN 4102-1 resp.
Standard version	B1 resp. B-s3,d0 ²⁾			DIN EN 13501-1
Special version				
11. Length change due to moisture/heat exposure ²⁾	1 – 3	1 – 2	mm/m	WERZALIT TEST STANDARD
12. Thermal conductivity λ	0.20	280	W/m · K	DIN 52 612
13. Water vapour permeability	5 – 15 diffusion-equivalent air layer thickness	0 diffusion-equivalent air layer thickness	m	DIN 52 615
14. Cross-cut test ³⁾	Gt 0A – Gt 1A	Gt 0A – Gt 1A		EN ISO 2409
15. Scratch resistance	0.5 – 1.5	0.5 – 1.5	N	EN 438
16. Brinell hardness ⁴⁾	–	–	N/mm ²	WERZALIT TEST STANDARD
17. Abrasion behaviour	–	–	U	EN 438
18. Light fastness	Level 8	Level 8		EN ISO 105-B02
19. Chemical resistance	limited resistance	limited resistance		EN 438
20. Cigarette burn resistance	not resistant to burns	resistant to burns		as for EN 438
21. Colour deviation ⁵⁾	$\Delta E < 1$	$\Delta E < 1$		DIN 5033
22. Impact load	impact resistant	impact resistant		WERZALIT TEST STANDARD/ETB Directive

1) 4 mm particle board screw, using a hole of 3 mm diameter, 10 mm deep

2) Maximum expected length change under extreme climate fluctuations

3) Gt 0A is the best, Gt 4A is the worst value

4) 1000 N, 15 s application time, (force/area)

5) With measurement geometry 0°/45°, standard illuminant "C"

* applies only to selekta and heritage-selekta

More information available at: www.werzalit.com

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