



etalbond®
COMPOSITE MATERIALS

**Make the most
of your balcony**

etalbond® balcony parapets



etalbond® Aluminium Composite Panels are specially designed for use in balcony façades. The advantages of high stiffness combined with low weight make the material an excellent choice for use in this safety-relevant area. Additionally, etalbond® meets the highest fire safety requirements and can be classified up to A2 non-combustible.

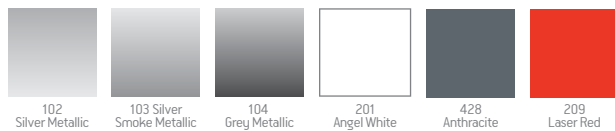
Make your balcony cozy and modern with our broad collection of weather-resistant colours.

Properties:

- ETB certified: Determination of load-bearing resistance for balcony parapet cladding for soft and hard impact (ETB guideline, April 1986, DIN 4103-1:2015-06)
- High ductility, no risk of breakage, therefore safe
- Weather resistant
- Available in fire classes B-s1, d0 and A2-s1, d0 according to EN 13501-1
- 3D - formation possible, therefore corner solution without joint
- Both sides coated

etalbond®

		4mm	6mm	
PANEL TOLERANCES				
Panel thickness	mm	±0.2		
Panel width	mm	-0.0 / +4.00		
Panel length	mm	≤4000mm: -0.0 / +4.00		
		4001 - 6000mm: -0.0 / +6.00		
		6001 - 8000mm: -0.0 / +10.00		
Diagonal difference	mm	3.00mm		
TECHNICAL PROPERTIES				
Section modulus (W)	DIN 53293	cm ³ /m	1.54 2.53	
Effective Stiffness (Ex _{J_{eff,cal}})		Nm ² /m	206 531	
Modulus of Elasticity (E)	EN 1999 1-1	N/mm ²	70000	
Tensile Strength (R _m)	EN 1396	N/mm ²	≥150	
Yield Strength (R _{p0.2})	EN 1396	N/mm ²	≥120	



Ask for our colour guides!
Get to know our company's colour variety, effects and textures.



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