

Adek Enhanced Grip 147

Physical properties	20mm depth	30mm depth
Fire rating	Tested to BS EN 13501-1: A2fl-s1 / A2-s1, d0	
Slip resistance	Tested to BS7976-2 classification: Low Slip Potential	
Wear resistance	Tested to EN 660-2. Excellent resistance to wear	
Decorative resistance	Qualicoat 1 with a Qualicoat endorsed "seaside" pre-treatment	
Colour	Anthracite Grey (RAL 7016). Other RAL available*	
Material	Aluminium 6063 tempered to T6 100% recycled	
Sustainability	Made from 100% recycled aluminium and 100% recyclable at end of use	
Length	4m, 5m or 6m	
Width	147mm	
Load span	600mm max centres at a point load of 4kN**	800mm max centres at a point load of 2kN**
Linear mass	1.57kg/m	1.77kg/m
Deviation from straightness	0.03mm	
Cupping	20mm - 0.4mm / 30mm - 0.5mm	
Warranty	30 year structural performance warranty with an expectancy of 60 years	

Mechanical characteristics	Standard	Value
Falling mass impact resistance	EN 477	20mm - 3.57mm / 30mm - 3.76mm
Mid span point load	EN 310	Refer to load span table
Maximum force	EN 310	>10 kN
Slip resistance	BS 7976	81 PTV (Dry) - 55 PTV (Wet)

Aluminium properties	Standard	Value
Ultimate tensile strength	EN 310	241 MPa
Elastic modulus	EN 310	69 GPa
Tensile strength @ yeild	EN 310	214 MPa
Elongation @ break	EN 310	18%

* Minimum order quantities apply

** In accordance with BS 8579:2020 Guide to the design of balconies and terraces