

Technical data [®] purenit



Material:	manufactured on high density PUR/PIR basis, unlaminated
Properties:	high mechanical load capacity, compression-proof, dimensionally stable, excellent adhesive properties, can be covered and laminated with a wide range of top coating layers, resistant to chemicals, non-hazardous biologically and in terms of construction ecology, resistant to mould and rot-proof, recyclable.
Applications and areas of use:	profiles or edging strips, concealed edge bands in wetrooms and damp areas, facades, bathroom and ships' furnishings, vehicle fittings (e.g. camper van, carriage, commercial vehicles, ships etc), kitchen work surfaces, as a basis for sandwiched elements, etc.
Bulk density:	550 kg/m ³ (+/- 50 kg), DIN EN 1602
Suitable temperature range:	-50° to +100° C
Compression strength:	5.5 - 7.5 MPa, DIN EN 826
Flexing strength ¹ :	5 - 7 MPa, DIN EN 12089
Shear strength ¹ :	1 - 1.5 MPa, DIN EN 12090, E-Modul: 53.3
Shear resistance ¹ :	1 - 1.5 MPa, DIN EN 12090
Fire behaviour:	D-s3, d0 / E (DIN EN 13501-1), B2 (DIN 4102), BKZ 5.3 (CH)
Swelling ² :	0.8 %, DIN EN 68763
Screw extraction resistance ³ :	650 - 750 N, M6 x 16 / 3500 - 3800 N, 6x60 wood
Conductivity:	0.070 W/(m·K), DIN EN 12667 / 0.086 W/(mK), DIN 4108-4
Dimensions:	standard format 2440 x 1220 mm thickness 10 - 60 mm other format and thickness upon request
Edging:	blunt-edged

Technische Daten

PR007 Fenstermontage-Zarge / PR010 Fenstermontage-Winkel / PR011 Fenstermontage-Platte

	DIN	Klassifizierung
Baustoffklasse	EN 13501-1	Klasse E
Allgemeine bauaufsichtliche Zulassung		Z- 23.11- 1889
Wärmeleitfähigkeit	im Mittel	$\lambda = 0,07 \text{ W/(mK)}$
Schallschutz		keine Reduktion des bewerteten Schalldämm-Maßes des Fensters (Innenversiegelung mit SP525)
Raumgewicht		550 kg/m ³
Gewicht		2,5 bis 7,5 kg/m
Druckspannung	EN 826	4 MPa
Biegefestigkeit	EN 12089	4 MPa
Dickenquellung	EN 68736	0,8%
Schraubenauszugsfestigkeit	M6 x 16	400 N
Beständigkeit		übliche Baustoffe
Putzhaftung		> 12 N/cm ²
Temperaturbeständigkeit	53423	-50° C bis +100° C
Lagerfähigkeit		24 Monate