



teak cedar silver gray walnut



PA5923



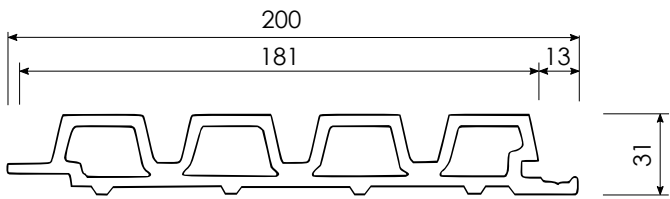
PA5924



PA5925



PA5926



Usable surface per board	0,524 m2
Mass per unit area	14,9 kg/m2
Outer width	200 mm
Usable width	181 mm
Standard lenght	2 900 mm



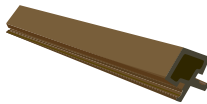
panel corner universal
41 x 53 mm x 2,90 m

item PA5933 | Teak

item PA5934 | Walnut

item PA5935 | Cedar

item PA5936 | Silver Gray



panel corner Leo
49 x 49 mm x 2,90 m

item PA5945 | Teak

item PA5946 | Walnut

item PA5947 | Cedar

item PA5948 | Silver Gray



panel trim Bruno
26 x 49 mm x 2,90 m

item PA5941 | Teak

item PA5942 | Walnut

item PA5943 | Cedar

item PA5944 | Silver Gray



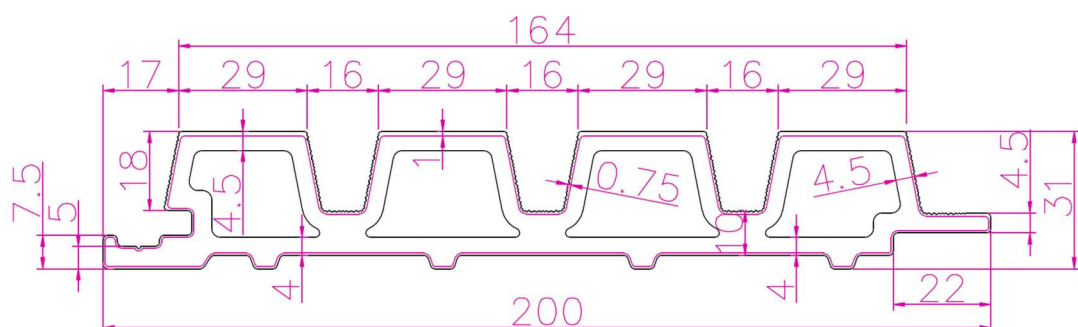
panel underlay WPC black
40 x 30 mm x 2,90 m

item PA5932 | Black

Product description:

	Nominal values
Type of product	Wood- plastic composite (WPC) cladding. The core of the wood- plastic composite consists of 60% wood and 40% high- density polyethylene (HDPE) fillers + additives. The core is covered on all sides with a coextruded plastic cap layer. The profile has got a tongue- and groove connection.
Manufacturer	GAUDIAHOME, s.r.o
Ratio wood/ HDPE	35 % Plastic, 60 % Wood fiber, 5 % Additives
Item No.	PA5923, PA5924, PA5925, PA5926
Item Name	PANEL LEO TEAK, PANEL LEO CEDAR, PANEL LEO SILVER GRAY, PANEL LEO WALNUT
Profiling/ shape	The technical drawing is visible in Figure 1
Profile width (mm)	200
Total thickness (mm)	31
<i>Thickness core</i>	4-4.5
<i>Thickness coextruded layer (cap)</i>	1
Density(g/m ³)	1.35
Color	Teak, Cedar, Silver Gray, Walnut
Surface structure	
Lenght (mm)	2 900

Figure 1: Profile of the material



Test	Standard / Method	Value	Verdit
Physical Properties			
Moisture Content	EN15534 EN322	0.85%	
Mechanical Properties			
Falling Mass Impact Resistance	EN15534	Max Crack length(mm): No crack. Max Residual Indentation(mm): 0.13	Pass
Brinell Hardness	EN15534	83Mpa	
Resistance to Indentation	EN15534	Rate of elastic recovery: 73%	
Bond Strength	EN319	Average Bond Strength>1.78MPa No obvious abruption and damage after test	
Thermal Properties			
Coefficient of Linear Thermal Expansion	EN15534	$41.6 \times 10^{-6} \text{ K}^{-1}$	$\leq 50 \times 10^{-6} \text{ K}^{-1}$ Pass
Heat Build- up	EN15534	$\Delta T = -2.9^\circ\text{C}$	
Durability			
Resistance to Artificial Weathering	EN15534	No blistering, cracking or peeling observed	
Swelling and Water Absorption (28days immersion)	EN15534	Swelling: 0.89% in thickness, 0.07% in width, 0.07% in length.	Swelling $\leq 4\%$ in thickness $\leq 0.8\%$ in width $\leq 0.4\%$ in length Pass
		Water absorption: Max $\leq 1.09\%$	Water absorption: Max. $\leq 9\%$ Pass
Resistance to Boiling Water	EN15534	Mean: 0.95%	Mean $\leq 7\%$ Pass
		Max. : 1%	Max. $\leq 9\%$ Pass
Mould Resistance	EN15534	Rating 0, no growth	
Fire			
Euroclass	EN13501	C	
Safety & Environment Protection			
Heavy Metal Content	EPA3051	Sb:ND, As:ND, Se:ND, Sn:ND	
Lead Content Test	EUNo.628/2015	Non Detected	
Pb, Cd, Hg, Cr6+	RoHS- IEC62321	Pb:ND, Cd:ND, Hg:ND, Cr6+:ND	