

Values are based on door blanks, dimensions 2350 x 950 mm  
width of styles and rails 140 mm, width of middle and bottom rail 100 mm

FSC® cert. no. C019045  
chipped with blue ID plug

thickness (mm.)	thermal conductivity W/(m <sup>2</sup> .K) BT <sub>90</sub> /BT <sub>30</sub> /N <sub>i</sub> /i	weight (approx. kg.) and per m <sup>2</sup>	shape stability class	sound reduction Rw/C/Ctr (dB)	fire resistance (min.)	SKH-BGS-001 certified	burglary resistance class
40 mm	1.61 / 1.68 / 2.22 / 0.88	24 / 10.8	2 (≤4 mm)	-	-	SKH-016	2
54 mm	1.39 / 1.51 / 1.81 / 0.62	29 / 13	2 (≤4 mm)	-	-	SKH-016	2

**Legenda**

- Thickness** Thickness in mm.
- Thermal conductivity** Calculated Up-value (Up = Upanel), according EN-ISO 10077-2  
 BT<sub>90</sub> bottom-top height = 90 cm, equipped with glass U = 1,1 W(m<sup>2</sup>.K) / ψ = 0,06 W/m  
 Average weighted U-value of panel including glazing  
 BT<sub>30</sub> bottom-top height = 30 cm, equipped with glass U = 1,1 W(m<sup>2</sup>.K) / ψ = 0,06 W/m  
 Average weighted U-value of panel including glazing  
 N<sub>i</sub> U-value of non-insulated part  
 i U-value of insulated part
- Weight** Weight of the door blank and average weight in kg. per m<sup>2</sup>
- Shape stability class** Tested according BRL-0803 (NEN-EN 12219 and NEN-EN 1121) and guaranteed by Mill Panel
- Sound reduction** According ISO 140-1, 140-2, 140-3 and ISO 717-1
- Fire resistance** According EN 1634-1/2008
- SKH-BGS-certified** SKH-BeoordelingsGrondSlag (assessment base) regarding exterior door blanks analogous to KOMO-BRL 0803 for exterior timber doors
- Burglary resistance class** Resistancy Class-2 according NEN-5096
- AluTherm-Profile® vs. AluProfile®** Different name but identical door blanks  
Name has been changed to AluProfile® on 1<sup>st</sup> of august 2014

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