ALUPROFILE®

Datasheet

THICKNESS (mm)	THERMAL CONDUCTIVITY W/(m².K) $BT_{90}/BT_{30}/N_i/i$	WEIGHT (approx. kg.) and per m²	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_{90}** bottom-top height = 90 cm, equipped with glass U = 1,1 W(m².K) / ψ = 0,06 W/m
  Average weighted U-value of panel including glazing
- **BT_{30}** bottom-top height = 30 cm, equipped with glass U = 1,1 W(m².K) / ψ = 0,06 W/m
  Average weighted U-value of panel including glazing
- **N_i** U-value of non-insulated part
- **i** U-value of insulated part

Weight — Weight of the door blank and average weight in kg. per m²

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 1st of august 2014

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

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MILL PANEL®
No.1 timber door panels

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