



chipped with blue ID plug



ALULIGHT[®]

FSC[®] cert. no. C019045

Datasheet

THICKNESS (mm)	THERMAL CONDUCTIVITY W/(m ² .K) U _p /N _i /i	WEIGHT (approx. kg.) and per m ²	SHAPE STABILITY CLASS	SOUND REDUCTION R _w /C/C _{tr} (dB)	FIRE RESISTANCE* (min.)	SKH-BGS-001 CERTIFIED	BURGLARY RESISTANCE CLASS
40 mm	1.47/1.98/1.28	36/16	1 (≤8 mm)	-	-	-	2
54 mm	1.03/1.60/0.81	40/18	2 (< 4 mm)	-	-	SKH-005	2
56 mm	1.01/1.56/0.80	41/18	2 (≤4 mm)	-	-	SKH-005	2
66 mm	0.85/1.38/0.65	45/20	2 (≤4 mm)	-	-	SKH-005	2
75 mm	0.74/1.25/0.54	47/21	2 (< 4 mm)	-	-	SKH-005	2
87 mm	0.64/1.11/0.46	52/23	2 (≤4 mm)	-	-	SKH-005	2

Legenda

- Thickness** Thickness in mm.
- Thermal conductivity** Calculated U_p-value (U_p - U_{panel}), according EN-ISO 10077-2
U_p weighted U-value of panel
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

Values are based on door blanks, dimensions 2350 x 950 mm

Rev. februari 2025

