



chipped with blue ID plug



# ALUTHERM<sup>®</sup>

## Datasheet

THICKNESS (mm)	THERMAL CONDUCTIVITY W/(m <sup>2</sup> .K) U <sub>p</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	1,26/1,98/0,97	23/10.3	2 (≤4 mm) ≤ 2200 mm	-	-	SKH-014	2
44 mm	1,15/1,85/0,87	25/11.2	2 (≤4 mm)	-	-	SKH-014	2
54 mm	0,95/1,60/0,70	28/12.6	2 (≤4 mm)	-	-	SKH-014	2
75 mm	0,70/1,25/0,49	35/15	2 (≤4 mm)	-	-	SKH-014	2

### Legenda

<b>Thickness</b>	Thickness in mm.
<b>Thermal conductivity</b>	Calculated U <sub>p</sub> -value (U <sub>p</sub> = U <sub>panel</sub> ), according EN-ISO 10077-2 <b>U<sub>p</sub></b> weighted U-value of panel <b>N<sub>i</sub></b> U-value of non-insulated part <b>i</b> U-value of insulated part
<b>Weight</b>	Weight of the door blank and average weight in kg. per m <sup>2</sup>
<b>Shape stability class</b>	Tested according BRL-0803 (NEN-EN 12219 and NEN-EN 1121) and guaranteed by Mill Panel
<b>Sound reduction</b>	According ISO 140-1, 140-2, 140-3 and ISO 717-1
<b>Fire resistance</b>	According EN 1634-1/2008
<b>SKH-BGS-certified</b>	SKH-BeoordelingsGrondslag (assessment base) regarding exterior door blanks analogous to KOMO-BRL 0803 for exterior timber doors
<b>Burglary resistance class</b>	Resistancy Class-2 according NEN-5096

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