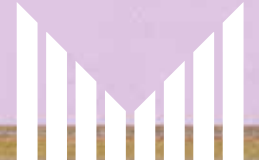




chipped with blue ID plug



# ALUCOYA®

FSC® cert. no. C019045

## Datasheet

THICKNESS (mm)	THERMAL CONDUCTIVITY W/(m <sup>2</sup> .K) U <sub>p</sub> /N <sub>i</sub>	WEIGHT (approx. kg.) and per m <sup>2</sup>	SHAPE STABILITY CLASS	SOUND REDUCTION Rw/C/Ctr (dB)	FIRE RESISTANCE <sup>†</sup> (min.)	SKH-BGS-001 CERTIFIED	BURGLARY RESISTANCE CLASS
40 (S408) 4 mm Tricoya® toplayer	1.23/1.93/0.96	28/12	1 (< 4 mm)	-	-	-	2
44 (S448) 4 mm Tricoya® toplayer	1.13/1.81/0.86	31/13	1 (< 4 mm)	-	-	-	2
54 (S548) 4 mm Tricoya® toplayer	0.92/1.74/0.61	34/15,2	2 (< 4 mm)	-	-	SKH-019	2
56 (S563) 6 mm Tricoya® toplayer	0,98/1,67/0,72	45/20,2	2 (≤4 mm)	-	-	SKH-019	2
66 (S663) 6 mm Tricoya® toplayer	0,83/1,49/0,58	49/21,9	2 (≤4 mm)	-	-	SKH-019	2
75 (S751) 4 mm Tricoya® toplayer	0,69/1,38/0,43	41/18,4	2 (≤4 mm)	-	-	SKH-019	2
87 (S870) 6 mm Tricoya® toplayer	0,63/1,22/0,41	55/24,6	2 (≤4 mm)	-	-	SKH-019	2

### Legenda

<b>Thickness</b>	Thickness in mm.
<b>Thermal conductivity</b>	Calculated U <sub>p</sub> -value (U <sub>p</sub> - Upanel), 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 m2
<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>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

