

A2 DECORATIVE PANEL

KNAUF INSULATION

PERFORMANCE

 Fire classification
A2-s1,d0



 Sound absorption
 α_w max. 0,90



 Thermal resistance
 R_D max. 0,55 (50 mm)



Heraklith

Thickness (mm)	R_D (m ² K/W)	Weight (kg/m ²)	Length (mm)	Width (mm)	Panels/pallet	Pallet (m ²)
15	0,15	9,0	2000	600	70	50,40
25	0,25	17,5	2000	600	40	28,80
35	0,40	22,0	2000	600	30	18,00

SOUND ABSORPTION COEFFICIENT

Panel type	F(Hz)	125	250	500	1000	2000	4000	α_w	NRC	SAA	Report number
1 Concrete 2 Heraklith® [2mm], 25mm	α_s (1/1octaaf)	0,06	0,13	0,27	0,63	0,91	0,66	0,35	0,50	-	A 2518-3-RA-001
1 Concrete 2 Heraklith® [1mm], 25mm	α_s (1/1octaaf)	0,08	0,16	0,31	0,60	0,94	0,72	0,35	0,50	-	A 2828-2E-RA-001
1 Concrete 2 Cavity, 175mm 3 Heraklith® [2mm], 25mm	α_s (1/1octaaf)	0,21	0,56	0,65	0,52	0,65	0,82	0,60	0,50	-	A 2828-2E-RA001
1 Concrete 2 Cavity, 135mm 3 Mineral wool, 40mm 4 Heraklith® [2mm], 25mm	α_s (1/1octaaf)	0,44	0,87	0,27	0,90	0,84	0,95	0,90	0,85	-	A 2828-2E-RA001
1 Concrete 2 Heraklith® [2mm], 35mm	α_s (1/1octaaf)	0,09	0,16	0,35	0,81	0,77	0,76	0,40	0,50	-	A 2518-3-RA-001

Sound absorption tests have been executed in accordance with the norm ISO 11654/ ASTM C423



A2 Decorative panel is a completely finished, square and smooth wood wool panel with an A2 fire rating. This panel has been specially developed for the acoustic and decorative finish of walls and ceilings. Moreover, concrete floors clad with A2 Decorative panels or when installed in a Richter grid ceiling system achieve a fire-resistance of 60 minutes*.

STANDARD VERSION

The A2 Decorative panel is produced with PEFC certified wood and a fibre width of 2 mm as standard. The panels are factory finished with a nature tone colour spray and beveled all round.

* Provided they are processed against solid concrete according to report 16210B or 16211B in accordance with European norm EN 1365-2 / EN 13501-2

