

Tektalan® A2 CH-A

For sound absorption in traffic related structures such as underground car park exits, underpasses, galleries



Descripton of product:

- Two Layer Wood Wool insulation board made of a non-combustible rock mineral wool core and cement-bonded Heraklith cover layer on one side, ca. 14 mm, glass fleece coating on the back.

Area of application:

- Subsequent sound absorption improvement of traffic related structures such as tunnels, galleries, underpasses for roads and railways by means of dowel fastening on the subsurface.

Advantages:

- Highly sound absorbing
- Fire protection class A2
- Non-combustible rock mineral wool core
- Stable surface
- Resistant to bending
- Quick and easy to instal

Note:

- Please observe the respective processing guidelines. Furthermore, the relevant standards and recognised engineering standards apply.

Technical data

Thickness (layer build-up)	mm	40 (14/25/1)
Weight	kg/m ²	13,0
Length, width	mm	2000 x 600
Delivery form: palletised		

Characteristic feature	Zeichen	Description / Data	Unit	Standard
Fire behaviour	--	A2-s1, d0	--	EN 13501-1
Nominal value of thermal conductivity	λ_D	Cover layer: 14 mm: 0,070 Rock wool core: 0,041	(W/mK)	EN 13168 EN 13162
Thickness	d	40	(mm)	
Nominal value of thermal resistance	R_D	0,80	(m ² K/W)	EN 13168
Assessment of the sound absorption	--	highly absorbent	dB	VDI 3755 (2000-02)
Evaluated sound insulation level	R_w	33	dB	ISO 717-1

Evaluated sound absorption value	F [Hz]	125	250	500	1000	2000	4000	Evaluated sound absorption level α_w
(applied directly to subsurface without gap) *	α_p	0,15	0,40	0,75	0,80	0,80	0,85	0,70

* according to DIN EN ISO 11654:1997

Knauf Insulation Rock Mineral Wool fibres are not hazardous to health. This is guaranteed by the RAL seal of quality.



Institut für Bauen und Umwelt e. V.

Sale via the specialist trade.

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