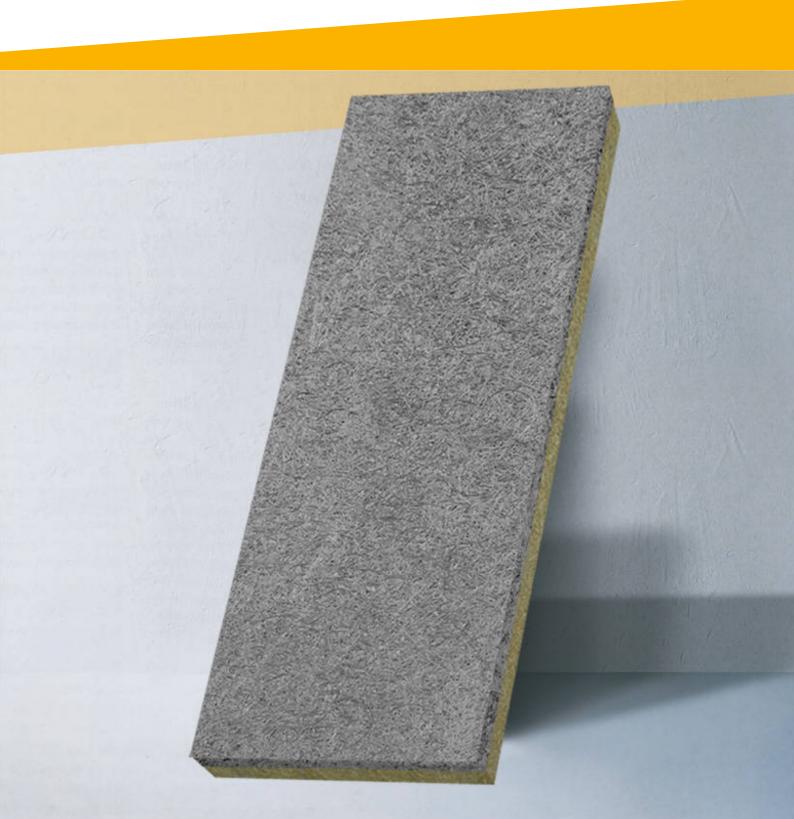


Tektalan® A2 CH-A

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 noncombustible 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/m²	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 $\alpha_{\text{\tiny W}}$
(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.









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