



Our Solutions for **Underground Garages**
Naturally safe – simply beautiful





Heraklith® Wood Wool Panels

A truly natural product



During the production of wood wool panels, long, fine wood fibres are pressed with a mineral bonding agent into a light multifunctional panel. Heraklith® wood wool panels combine all the good and protective properties of wood.

Heraklith Wood Wool Panels

- are a truly natural product
- insulate against heat and cold
- are naturally durable and have the same service life as the building in which they are used
- protect during fire because they act as a heat shield
- ensure outstanding acoustic properties due to the open surface structure
- look attractive and natural

Combining Heraklith wood wool panels with rock mineral wool results in Tektalan®: the safest solution for underground garages.



Tektalan® for Underground Garages

Why compromise when you can have it all



Fire Protection

In the event of a fire, the priorities are to secure a free escape route and gain time.

Tektalan®

- has limited combustibility or, optionally, is non combustible (A2 class)
- does not melt
- does not produce burning droplets
- is in the best class in terms of smoke development

It is exactly what is needed to get yourself to safety.

Heat Shield

Fires in underground garages are mostly caused by burning vehicles and result in a tremendous amount of heat being generated. Tektalan protects concrete structural elements against heat and therefore secures their load-bearing capacity. Hence, repair costs after fire are reduced considerably.



Sound Insulation

Constant driving in and out causes a considerable amount of noise.

Tektalan

- has very good sound insulation properties
- combines the open structure of the Heraklith wood wool surface with a sound-absorbing rock mineral wool core

Tektalan contributes to quiet living and undisturbed working above underground garages.



Energy Saving

Thanks to the rock mineral wool core, Tektalan ensures excellent thermal insulation for living and working areas above the underground parking and, as a consequence, reduces the energy requirement and CO₂ emissions. Tektalan is a sustainable solution.



Easy and Quick Installation

Tektalan can be fastened mechanically after construction, or can be put directly onto the concrete formwork and embedded during concrete pouring.

Tektalan

- does not require any additional finishing work
- has very high stability and surface strength, which ensures very good physical protection against damage

With Tektalan you gain time and save costs during and after construction.



Natural Look

The natural wood wool structure of Tektalan gives the underground garage a special flair. The surfaces are available in a variety of colours and, on request, with a washable coating. Tektalan has a simply beautiful, natural look.

All Heraklith® Systems for Underground Garages
at a glance



3 product groups and 16 products, organised clearly by the installation method, are the guarantee for customised system solutions for large, medium and open underground garages. The choice is yours!



			 Reaction to fire classification			 Surface design			 Sound absorption		
Product Group Intended Use	Installation method	Name	DIN EN 13501-1		DIN 4102-1	Heraklith wood wool structure	10 mm Heraklith wood wool structure with edges bevelled on all sides	Pore sealing (surface similar to concrete)	Very good	Good	Neutral
			A2-s1,d0	B-s1,d0	B1						
Tektalan Large garages >=1000m² Medium garages <1000 m²	Embedded during concrete pouring	Tektalan SD		•		•			•		
		Tektalan HDX		•		•			•		
		Tektalan A2-HDX	•			•			•		
	Mechanically mounted	Tektalan TK		•		•			•		
		Tektalan A2-TK	•			•			•		
		Tektalan TK-EPV		•				•			•
		Tektalan A2-TK-EPV	•					•			•
		Tektalan E-31		•			•		•		
	Herapid quick installation system	Tektalan HP		•		•			•		
		Tektalan A2-HP	•			•			•		
		Tektalan HP-EPV		•				•			•
		Tektalan A2-HP-EPV	•					•			•
Heratekta Medium garages <1000 m²	Embedded during concrete pouring	Heratekta SE-035			•	•					•
	Fastened later	Heratekta SE-035/2			•	•					•
		Heratekta E-37-035			•			•			•
Heraklith for garages with no building above	Embedded during concrete pouring or installed later	Heraklith BM		•		•				•	

Knauf Insulation GmbH

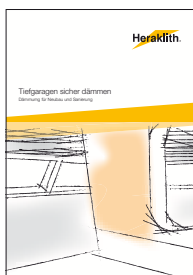
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More information

Detailed information on all Heraklith products and correct installation can be found in our technical brochures and product datasheets as well as on our homepage at **www.heraklith.com**.



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