

KNAUF DIAMANT – ONE FOR ALL

Knauf Diamant – that is flawless gypsum quality for drywalling with a system. Diamant solves all conceivable requirements using just one board.

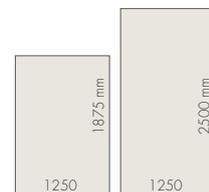
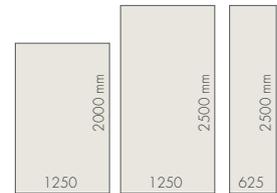
Whether it's in new buildings, for remodelling or refurbishment, in public buildings, in private residential buildings or in industrial buildings, our Diamant is the versatile classic that shows just what it can do on every building site. Extremely tough, easy to apply.



Diamant board overview



	Thick-ness	Width	Length	Weight	
Diamant*	12.5	1250	2000	12.8	› Allrounder for the toughest demands
	12.5	1250	2500	12.8	
	15	1250	2000	15.6	› The cost-effective solution as 100 mm partition W111 with CW 70, single-layer cladding › Suspended ceilings
	15	1250	2500	15.6	
	18	625	2500	18.6	› Free-spanning ceilings F30 › Robust room-in-room systems › Installation walls
Diamant Steel GKFI 12.5 + 0.4	12.9	1250	1875	16	› As cladding for slim fire wall systems › The full surface sheet metal insert facilitates enhanced cantilever loads at every position.
	12.9	1250	2500	16	
Diamant X*	12.5	1250	2750	13	› Structural bracing in timber and lightweight steel construction
	15	1250	2750	15.6	
	18	1250	2750	19	



* Custom lengths available

WHATEVER THE CHALLENGE – KNAUF DIAMANT



Knauf Diamant leaves you with time for really important things. It represents genuine quality and solves all the challenges in drywalling with just a single board.

“For me, Knauf Diamant is the premium board for all sophisticated interior design and covers all my requirements: Moisture protection, sound insulation, bathrooms.”

Thomas Rohe
Rehm Trockenbau, Obernburg



Diamant for sound insulation

Diamant system drywalling achieves improvements of up to 70 dB in comparison with standard solutions.



Diamant for stability

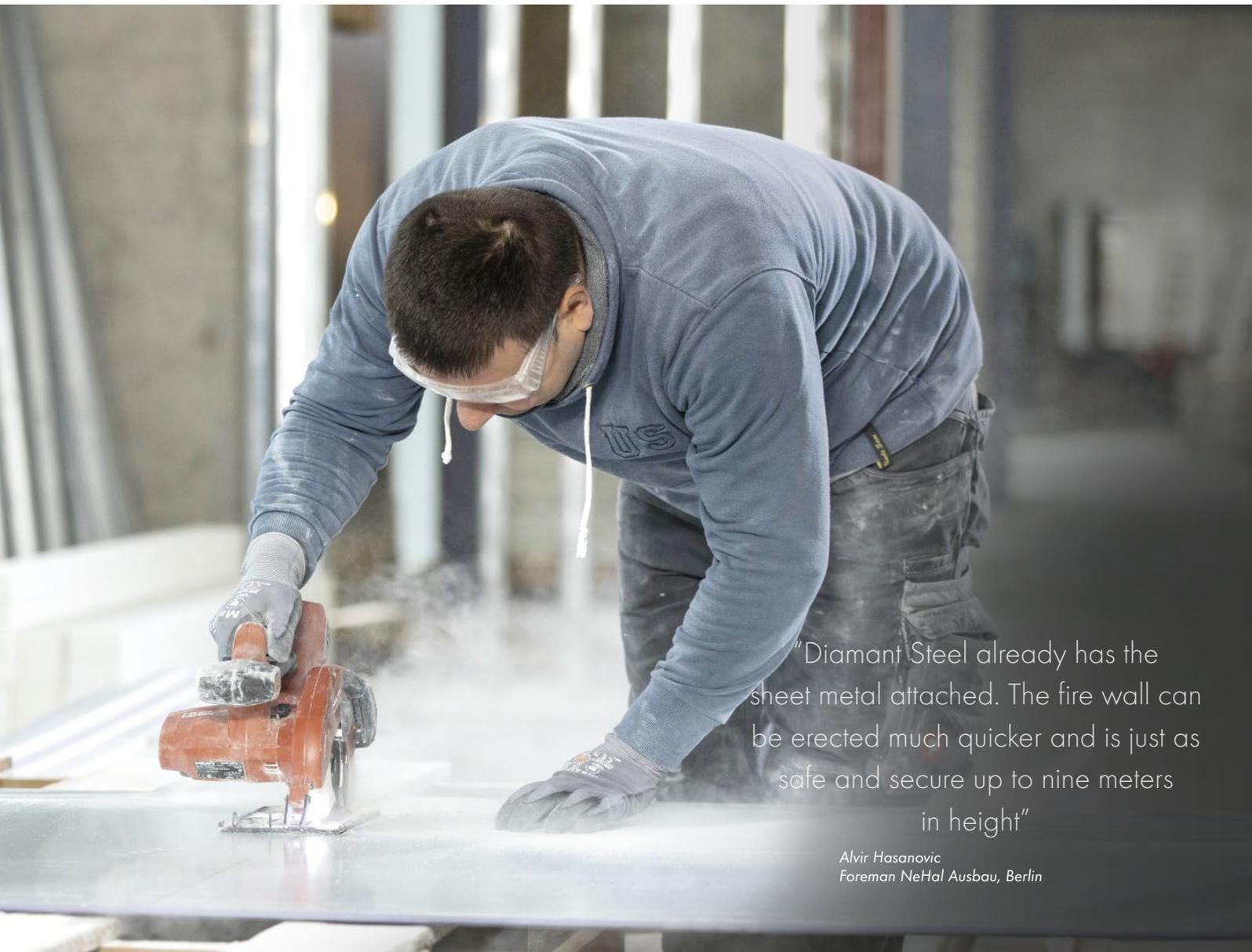
Even when exposed to hard impacts from the side or a ceiling under load, Knauf Diamant demonstrates just how solid drywalling can be.



Diamant for wet areas

Thanks to its low expansion and shrinkage characteristic, Knauf Diamant needs an expansion joint only every 15 meters. The board is impregnated and thus ideally suited for use in rooms with moderately high humidity such as bathrooms.





“Diamant Steel already has the sheet metal attached. The fire wall can be erected much quicker and is just as safe and secure up to nine meters in height”

*Alvir Hasanovic
Foreman NeHal Ausbau, Berlin*

BETTER BE SAFE – DIAMANT AND DIAMANT STEEL



Diamant for fire resistance

Every second counts in a fire. Knauf Diamant is non-combustible and delays the spread of the blaze. Compliant to DIN 18180, building material class A2.

Diamant Steel

A classic made even stronger: In addition to the tried-and-trusted properties, Diamant boards also offer the sheet metal laminated Diamant Steel board. It is available in 12.5 mm thickness and in two board lengths. It features an impregnated core and is ideally suited for the safe and easy construction of fire walls.

The benefits of Diamant Steel

- › Fire wall tested for up to 9 meters
- › High cantilever loads at every point
- › Fire resistance, sound insulation and high level of stability and reliability included
- › Space gains with slim partitions
- › Jointing is easy



MORE SPACE DELIVERED QUICKLY – KNAUF DIAMANT

The benefits of Knauf Cubo

- › Easy to construct
- › Room height clearance up to 3.20 meters, custom lengths possible
- › Sophisticated cladding according to individual requirements
- › Fire resistance for requirements up to F90 (escape tunnel)
- › Solutions for application with balustrades



Diamant for Cubo

Cubo room-in-room systems from Knauf are self-supporting, freely erectable room solutions for installation in existing rooms. Even a connection to existing constructional components is possible.

With Knauf Cubo you provide more room without the need to compromise. Whether it's fire resistance or sound insulation or demands on the structural integrity, Cubo makes everything easy and still safe.

Application areas

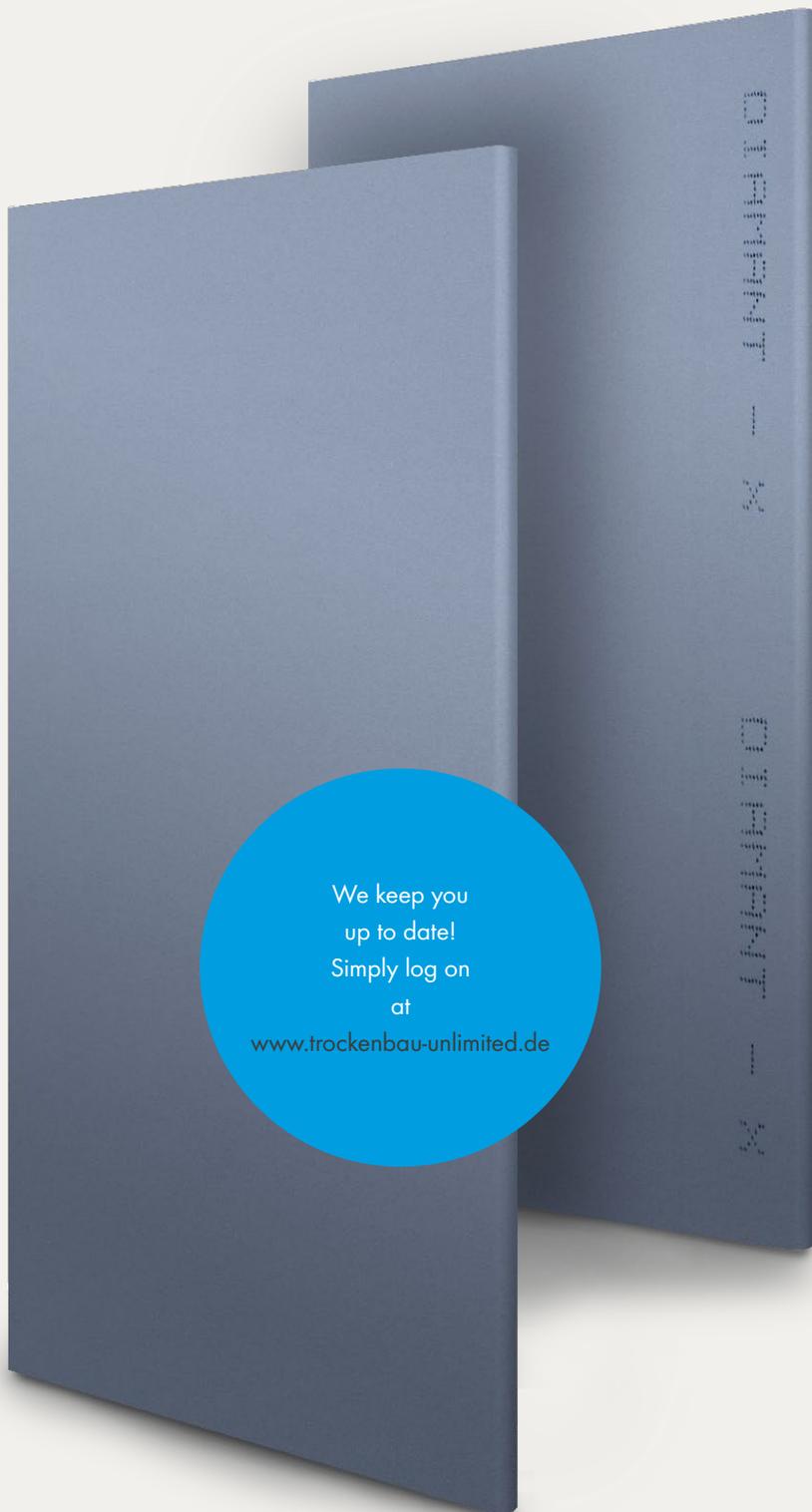
- › Sanitary modules
- › Sound-proofed cubicles
- › Meeting rooms
- › Foreman's offices
- › Encapsulation of industrial machinery
- › Extension of living space/attic conversion
- › Additional storage and floor space
- › Escape and access routes

THE STRUCTURAL STAR IN TIMBER CONSTRUCTION - DIAMANT X



"We cover all areas using the board: Structural design, fire resistance, acoustics, moisture protection and surface design."

*Bertram Spannagl
Production Manager HeldHaus, Löffingen*



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Diamant X for wood frame construction

Diamant X is the large format board specially for sophisticated timber construction. With its enhanced structural rating values it opens up new perspectives in terms of functionality, stability and safety.

Diamant X brings with it proven Diamant quality, is impregnated as standard, non-combustible and sound insulating.

The benefits of Diamant X

- › Excellent structural features for slim construction design
- › Easy jointing without adhesive
- › Solutions for multi-storey timber construction including fire protection ability class K260
- › Bendable and can be folded with mitring
- › Extremely high strength



BENEFIT FROM THE VALUABLE SERVICES FROM KNAUF



KNAUF DIREKT

Our technical advisory service – from professionals for professionals! Choose the direct line to “just in time” consultation and benefit from our extensive experience giving you the assurance that you need.

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and renovations