



Special gypsum board with enhanced sound insulation, fire and moisture resistance, impact strength properties. Both faces covered with blue paper.

- Impact resistance
- High sound insulation
- Dry and easy installation
- Time saving
- High surface quality
- Humidity resistance
- Fire resistance

Standards referred to (Board Type)

TS EN 520 + A1, TİP DFH2IR

Fields of Application

- Partition walls
- Wall Claddings

Storage

- Boards should be stored on wooden pallets in a dry environment.
- If the boards are stored inside, max. 6 pieces on each other; outside max. 5 pieces on each other.
- Gypsum boards should be stored so as to prevent damage to the front faces of each boards during packaging.
- It is proposed to keep the boards horizontally on a flat surface during transportation and stocking.
- If the boards are stored outside, they must be covered with nylon and etc.

General Properties

Board Type	Thickness (mm)	Weight (kg/m ²)	Width (mm)	Length (mm)	Packaging (pcs./pallet)
Diamant	12,5	12,8	1200	2000 / 2500	40
	15	15,5			

Technical Properties

	12,5 mm	15 mm
Dry bending radius - longitudinal direction (mm)	≥ 2750	-
Wet bending radius -longitudinal direction (mm)	≥ 1000	-
Flexural breaking load - Longitudinal direction (N)	≥ 725	≥ 870
Flexural breaking load - Transverse direction (N)	≥ 300	≥ 360
Reaction to fire (EN520 Appx. B)	A2 - s1,d0	
Density (kg / m ³)	≥ 1000	
Core cohesion (min)	≥ 15	
Surface hardness (mm)	≤ 15	
Surface water absorbtion (g / m ²)	≤ 180	
Total water absorbtion (Tip H2) (%)	≤ 10	
Water vapour diffusion resistance μ	10	
Thermal conductivity λ (W / mK)	0,27	
Width tolerance (mm)	0, -4	0, -4
Length tolerance (mm)	0, -5	0, -5
Thickness tolerance (mm)	± 0,5	± 0,5
Angularity tolerance (mm)	≤ 2,5	≤ 2,5
Edge type	tapered edge(TE), square edge (SE)	

System Performances

System performance values e.g. sound insulation, fire resistance etc. depends on the mentioned system and it's components which are used or recommended by Knauf. For more details visit, <http://www.eteknik.knauf.com.tr>, <http://www.knauf.com.tr/sistemler.asp>, <http://www.knauf.com.tr/kataloglar.asp>

Ordering Terms

Minimum order quantity is 30 m². Please contact sales department for available product sizes other than the ones given on the table.

For quality certificates visit: <http://www.knauf.com.tr/kalitebelgeleri.asp>

For recommended price list visit: <http://www.knauf.com.tr/fiyatlistesi.asp>