

# Flex Gypsum Board

Technical Data Sheet 12/2023

## Flex Gypsum Board (FX)

Standard gypsum board

### Product Description

Smooth, flexible and light-weight gypsum board. Front face covered with ivory, back face covered with grey paper.

### Storage

Boards should be stored on pallets in a dry environment. If the boards are stored inside, max. 6 pallets on each other; outside max. 5 pallets on each other. Gypsum boards should be stored so as to prevent damage to the front faces of each boards during packaging. If the boards are stored outside, they must be covered with nylon and etc.

### Standard

TS EN 520 + A1 - Type A

### Fields of Application


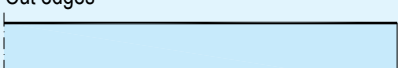
All fields of interior works without special requirements.

- Suspended ceilings
- Partition walls
- Wall claddings
- Drywall linings

### Properties

- Easy application
- Time saving
- High Surface Quality

## Technical Data

Description	Unit	8 mm	9,5 mm	12,5 mm	15 mm	18 mm (HRK*)	Standard
Board type	-	Type A	Type A	Type A	Type A	Type A	TS EN 520+A1
Reaction to fire	class	A2-s1,d0	A2-s1,d0	A2-s1,d0	A2-s1,d0	A2-s1,d0	TS EN 520+A1
Weight	kg/m <sup>2</sup>	6,5 - 7	6,5 - 7,5	7,5 - 8	10 - 11	14 - 15	-
Long edges	-	Tapered edges 					-
Front edges	-	Cut edges 					-
Width dimensional tolerance	mm	+0 / -4	+0 / -4	+0 / -4	+0 / -4	+0 / -4	TS EN 520+A1
Length dimensional tolerance	mm	+0 / -5	+0 / -5	+0 / -5	+0 / -5	+0 / -5	TS EN 520+A1
Thickness dimensional tolerance	mm	±0,5	+0,5 / -0,5	+0,5 / -0,5	+0,5 / -0,5	+0,72 / -0,72	TS EN 520+A1
Angularity dimensional tolerance (for 1 m board width)	mm	≤2,5	≤ 2,5	≤ 2,5	≤ 2,5	≤ 2,5	TS EN 520+A1
Bending radius (dry bending)	mm	-	r ≥ 2000	r ≥ 2750	-	-	TS EN 520+A1
Bending radius (wet bending)	mm	-	r ≥ 500	r ≥ 1000	-	-	TS EN 520+A1
Thermal conductivity λ	W/ (m·K)	0,25	0,25	0,25	0,25	0,25	EN 12524
Water vapour resistance factor (dry)	μ	10	10	10	10	10	EN 12524
Water vapour resistance factor (wet)	μ	4	4	4	4	4	EN 12524
Flexural breaking load longitudinal direction	N	≥344	≥ 400	≥ 550	≥ 650	≥ 774	TS EN 520+A1
Flexural breaking load transverse direction	N	≥134,4	≥ 160	≥ 210	≥ 250	≥ 302,4	TS EN 520+A1

\* Herkül Gypsum Board (HRK)

## Product Range

Description	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Packaging Unit (pcs./pallet)	Material Number
Flex Gypsum Board 8 mm	1200	2500	6,5 - 7	80	-
Flex Gypsum Board 9,5 mm	1200	2500	6,5 - 7,5	60	57859
	1200	2800	6,5 - 7,5	60	57857
Flex Gypsum Board 12,5 mm	1200	2500	7,5 - 8	50	5407
	1200	2600	7,5 - 8	50	50576
	1200	2700	7,5 - 8	50	24459
	1200	2800	7,5 - 8	50	10373
	1200	2900	7,5 - 8	50	102644
	1200	3000	7,5 - 8	50	10374
Flex Gypsum Board 15 mm	1200	2500	10 - 11	30	147485
	1200	2800	10 - 11	30	133064
Flex Gypsum Board 18 mm (HRK*)	1200	2000	14 - 15	30	88275
	1200	2500	14 - 15	30	88276

\* Herkül Gypsum Board (HRK)

### System Performance Values

Flex Gypsum Board has no system performance value.

[Knauf Technical Website](#)

[Document Center](#)

### Application

Application should be done acc. to the applicable standards (TS 1475) and acc. to the Knauf Technical Brochures of the respective drywall system.

▶ 444 YAPI - 9274

▶ [www.knauf.com.tr](http://www.knauf.com.tr) / [www.teknik.knauf.com.tr](http://www.teknik.knauf.com.tr)

▶ [teknik@knauf.com](mailto:teknik@knauf.com)

Center: Knauf Moment Beştepe Office, Beştepe Mah. 32.Cadde No:1/212-218 06560 Beştepe-Yenimahalle  
/ ANKARA Tel: 0312 297 0100 Faks: 0312 266 4506