

## Regular Plus Gypsum Board

Technical Data Sheet 12/2023

# Regular Plus Gypsum Board (RP)

Standard gypsum board

### Product Description

Smooth and flexible gypsum board. Type A boards which are indicated in Knauf system catalogues which gives performance values in wall and ceiling systems. 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

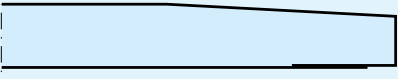
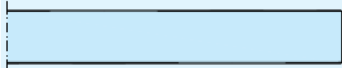
All fields of interior works without special requirements.

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

### Properties

- Easy application
- Time saving
- High Surface Quality

## Technical Data

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

## Product Range

Description	Width (mm)	Length (mm)	Packaging Unit (pcs./pallet)	Material Number
Regular Plus Gypsum Board 12,5 mm	1200	2200	50	681832
	1200	2300	50	684329
	1200	2400	50	681834
	1200	2500	50	681820
	1200	3000	50	681835
Regular Plus Gypsum Board 15 mm	1200	2500	30	682990
	1200	2200	30	682991
	1200	2400	30	682992
	1200	3000	30	682993

### System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Regular Plus Gypsum Board is designed to fulfill performance requirements of type A boards in detail catalogues. Different version of this board such as Flex Gypsum Board and Easy Board's performance values are limited and relatively low. Please check the performance values of the drywall systems;

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### Application

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

[W11 Partition Wall Catalogue](#)

[D11 Suspended Ceiling Catalogue](#)

[W61 Wall Cladding Catalogue](#)

[W62 Shaft Walls Catalogue](#)

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