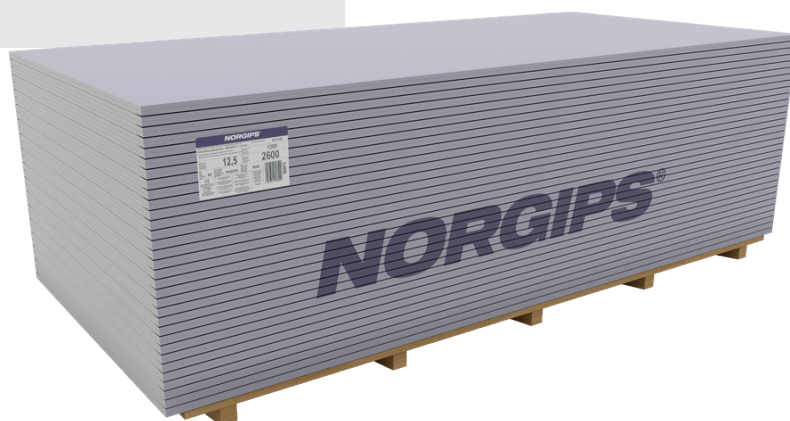


# NORGIPS S ACOUSTIC SUPER 12,5 mm type DFH2IRE

**NORGIPS®**

Sound-insulating plasterboard



## PRODUCT DESCRIPTION

This sound-insulating plasterboard features tapered, cardboard-laminated longitudinal edges and square transverse edges. The gypsum core of the plasterboard features an increased density, a glass fibre reinforcement and a hydrophobic agent additive (paraffin or silicone).

Colour - blue-coloured cardboard with designations in blue.

## INTENDED USE

The plasterboard is designated for use in rooms in which the relative humidity may exceed 70%, but not for longer than 10 hours a day and it must not exceed 85%. The maximum application temperature is 50°C.

Intended for sheathing of partition or curtain walls, wall linings, panelling of suspended ceilings and lining of attics, with the objective to ensure improved sound insulation properties and to obtain fire-rated partitions (max. up to EI 180).

## TECHNICAL PARAMETERS

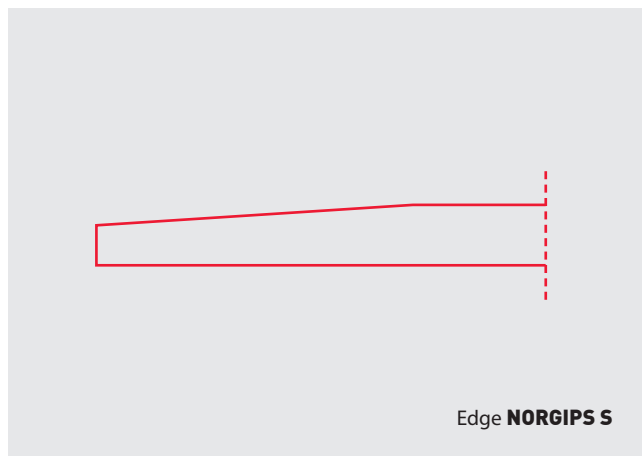
Type of edge	NORGIPS S (KS)
Reaction-to-fire performance	A2-s1, d0
Flexural strength [N]:	
longitudinal direction	≥725
cross direction	≥300
Indentation hardness – ball impression diameter [mm]	>15
Gypsum core density [kg/m <sup>3</sup> ]	≥800
Water vapour diffusion resistance factor [μ]	10
Shear strength on connection [N]	≥600
Total water absorption [%]	≤10
Surface water absorption [g/m <sup>2</sup> ]	220
Thermal conductivity coefficient [λ]	0,25 W/(m*K)



**Plasterboards + Profiles + Compound + Accessories = NORGIPS Solution**

### ADVANTAGES

- **Sound insulation.** Due to its high weight and special additives, the product features better parameters improving the sound insulation properties of the partition wall.
- **Fire-resistant.** The glass fibre contained in its core increases the cohesiveness of the gypsum core when exposed to high temperatures.
- **Impregnated.** Due to waterproofing, the plasterboard features reduced water absorption properties.
- **Increased strength.** The plasterboard is designated for special applications where greater strength and increased surface hardness are required.
- **Edge S.** Tapered longitudinal edges make finishing of the panel joints easier. Due to an appropriate moulding and the use of joint compounds belonging to the Norgips system as well as joint tapes for joint finishing, a joint with a maximum strength can be obtained.



### DIMENSIONS AND PACKAGING

Thickness (mm)	Width (mm)	Length (mm)	Quantity per pallet		Weight [kg/m <sup>2</sup> ]	
			(pcs)	(m <sup>2</sup> )	1 m <sup>2</sup>	Pallet
12,5	1200	2600	64	153,60	11,7	1797
12,5	1200	2600	64	199,68	11,7	2336
12,5	1200	2000	32	99,84	11,7	1168

### NOTES FOR GUIDANCE

Use the NORGIPS plasterboards in accordance with the NORGIPS system recommendations. Storage: store the boards on a flat surface, preferably on a pallet. Keep dry. Plasterboard transport on the construction site: keep the butt edge in vertical position when carrying.

### ADDITIONAL INFORMATION

Applicable standard: PN-EN 520+A1:2012 Gypsum plasterboards. Definitions, requirements and test methods.

Declaration of Performance: available on the website [www.norgips.pl](http://www.norgips.pl)

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