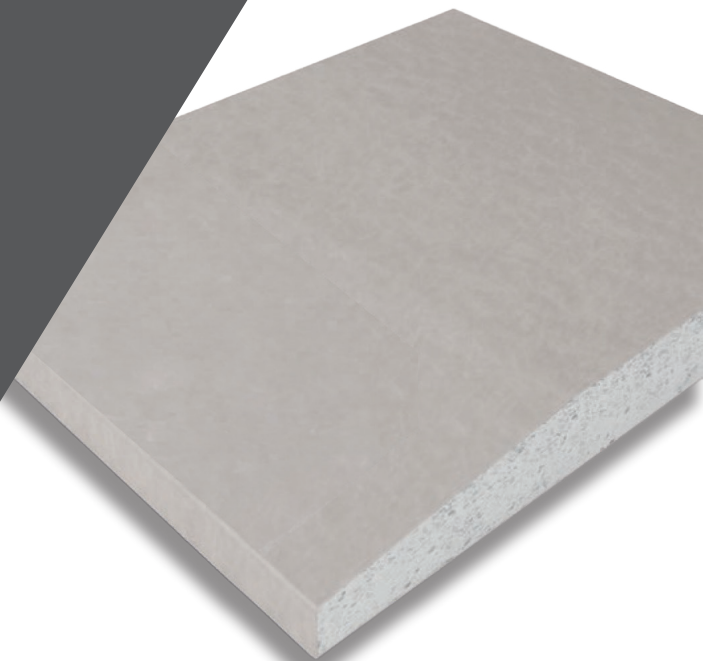


Technical data sheet

# Gypsum board for curved surfaces **nida Flex/Gięta**



## DESCRIPTION

A-type plasterboard, designed for the construction of arched ceilings and partition walls. It is characterized by very high flexibility and ease in creating curved structures in interior design.

## FIELD OF APPLICATION

Partition walls, wall cladding and ceilings on load-bearing structures. For use in rooms with a relative humidity of up to 60%.

## ADVANTAGES

- Aesthetics
- High flexibility
- Easy and quick installation
- Smooth curved surfaces
- Various curved wall and ceiling structures

## SECURITY

- Plasterboards and other gypsum products must be protected from moisture and weather.
- Plasterboards that have become damp during storage must be completely dried before installation. To do this, they must be placed horizontally, on a flat surface so that air can circulate freely.
- Plasterboards are transported vertically on the side edge or with a suitable means of transport (forklift, truck, transport trolley).
- Plasterboards are placed on a dry and flat surface (on pallets or on wooden supports, placed at a maximum distance of 35 cm). This method prevents damage to the boards.
- Plasterboards must be stored taking into account the load-bearing capacity (resistance) of the floor.
- The boards can be cut with a knife or a saw (manual or electric) for drywall





## DATE TEHNICE

Parametru	Valoare
Name	nida Flex/Gieta
SAP code	91257
Thickness [mm]	6,5
Width [mm]	1200
Length [mm]	2600
Edge	Tapered
Board type A, according to EN 520:2004+A1:2009	A
Fire reaction class according to EN 520:2004 + A1:2009	A2-s1,d0
Bending resistance in the longitudinal direction according to EN 520:2004 + A1:2009	280 N
Bending resistance in the transverse direction according to EN 520:2004+A1:2009	109 N
Water vapor permeability (for controlling water vapor diffusion) [ $\mu$ ]	10
Thermal resistance (expressed as thermal conductivity) [ $\lambda$ ]	0,25 W/(mK)
Density *	860 kg/m <sup>3</sup>
Weight *	5,6 kg/m <sup>2</sup>

Minimum bending radius [mm]	Plate thickness 6.5 mm			
	Wet		Dry	
	Curvature in the transverse direction	Curvature in the longitudinal direction	Curvature in the transverse direction	Curvature in the transverse direction
<b>3500-2500</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>2500-2000</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>
<b>2000-1200</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>1200-900</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>
<b>900-600</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>X</b>
<b>600-400</b>	<b>4</b>	<b>4</b>	<b>X</b>	<b>X</b>
<b>400-300</b>	<b>4</b>	<b>X</b>	<b>X</b>	<b>X</b>

- 1 - Easy cutting and mounting on structures
- 2 - Care is required when bending the board on the structure and mounting it
- 3 - It is recommended to pre-form the board before mounting
- 4 - mandatory to pre-form before
- X - impossible to bend in that direction or condition

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Gypsum board  
**for walls and ceilings**

