

Technical Data Sheet

Bary-X2[®]/-a



Bary-X2[®]/-a is a heavy foil based on polymer, filled with inorganic materials. It is partly lined on one or both sides with Jute textile.

Technical Data		
Type		Bary-X2[®]-8a
Jute Lining		None
Thickness (approximate)	[mm]	3.0
Weight (approximate)	[kg/m ²]	8.0
Thermal Stability	[°C]	70
Cold Resilience	[°C]	- 30
Hardness Shore A		75
Tensile Strength DIN 53 504/ ISO 37	[N/mm ²]	crosswise/lengthwise: > 1.5
Elongation at Break DIN 53 504/ ISO 37	[%]	crosswise/lengthwise: > 250
Shrinkage Behavior DIN EN 434 (24 h, 80 °C)	[%]	crosswise: + 0.5 lengthwise: - 0.8
Burning Behavior DIN 75 200/ FMVSS 302	[mm/min]	combustion value < 100
Burning Behavior DIN 5510-2		flammability class S 3 smoke emission class SR 2 dripping behavior class ST 2 FED ≤ 1 fulfilled (toxicity)
Chemical Resistance DIN EN ISO 2812-1		Oil, Petrol, Water, weak acids

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Technical Data				
Type (Bary-X2 [®] ...)		AJmD 8a	AJmD 14a	BJoD 24a
Jute Lining		1 Side	1 Side	Both Sides
Thickness (approximate)	[mm]	3.0	5.6	10.0
Weight (approximate)	[kg/m ²]	8.0	14.0	24.0
Thermal Stability	[°C]	70		
Cold Resilience	[°C]	- 30		
Hardness Shore A		75		
Tensile Strength DIN 53 504/ ISO 37	[N/mm ²]	crosswise/lengthwise: > 1.5		
Elongation at Break DIN 53 504/ ISO 37	[%]	crosswise/lengthwise: > 250		
Shrinkage Behavior DIN EN 434 (24 h, 80 °C)	[%]	crosswise: + 0.5 lengthwise: - 0.8		
Burning Behavior DIN 75 200/ FMVSS 302	[mm/min]	combustion value < 100		
Chemical Resistance DIN EN ISO 2812-1		Oil, Petrol, Water, weak acids		

Main Function: Air borne sound dampening

Applications: Sound insulating cabins, vehicles cabins, mechanical engineering, partition wall, electrically machine-construction, sandwich constructions, ship- and yacht building etc.

Processing: Mechanical attachment
 Sticking together with BarySkin[®] V 60 (2K-adhesive, 1 kg/m²)
 Processing temperature: 18 - 25 °C

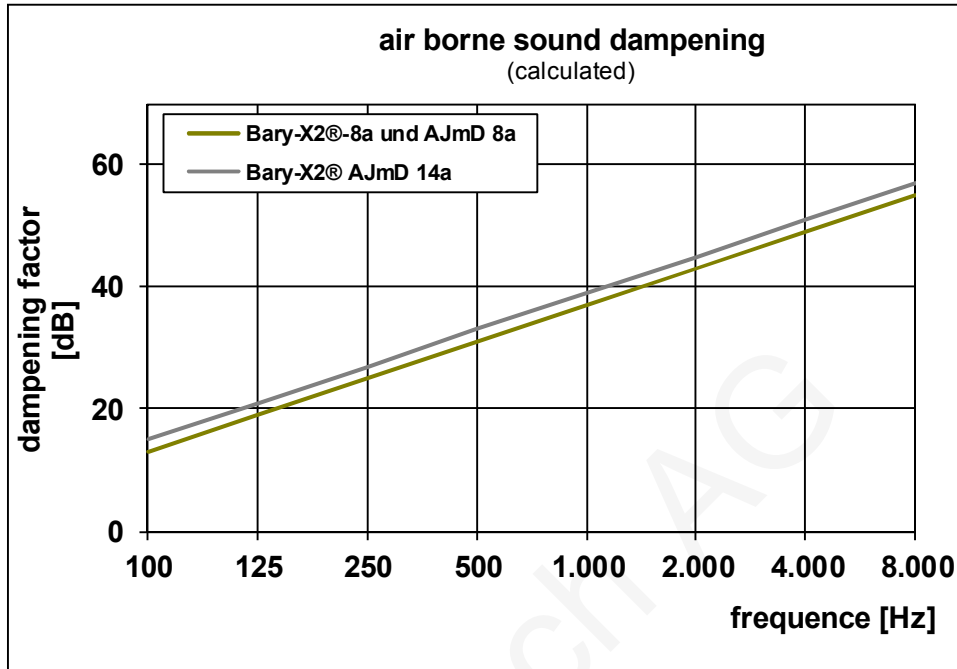
The material is not equipped self adhesive.
We point out that has to be paid attention at the adhesion of the material, e.g. with BarySkin, that the plates are mechanical to holders after the assembly up to the tempering of the adhesive/the sticking mass.

Storage Conditions: Dry at temperatures between 18 - 35 °C
 Max. storage time: unlimited

Delivery Forms: Standard boards 1000 x 1000 mm, other sizes and cut-to-size pieces upon request

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The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.