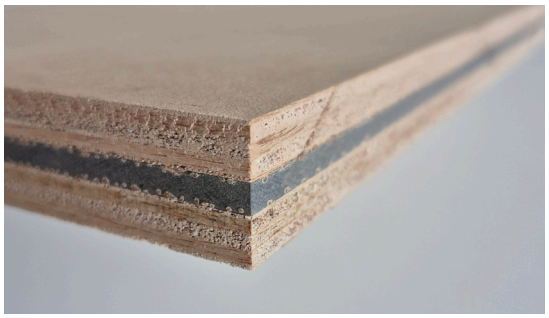
DATA SHEET | REVISION OCTOBER 2026

AIRPLY® HIGH-SOUND

DESCRIPTION



Not all noises are the same, and not all soundproofing solutions are the same. Those who truly seek peace and quiet need mass. STRATO HIGH-SOUND is based on this physical principle: the core, consisting of a high-density rubber mat (> 2,000 kg/m³), is heavy enough to effectively block even the lowest frequencies and the most stubborn vibrations of structural noise. The result is a panel that not only keeps noise out but creates silence—in vehicles, ships, industrial plants, or anywhere vibrations and noise are a problem. Two variants are available: poplar facings for maximum lightness, and okoumé facings for greater durability in harsh environments.

SIZES

PART NUMBER	110809	110780	110782
Standard size in mm	2500 x 1220		
Total thickness in mm	18	20	22
Rubber thickness in mm	6	4	6
Okoumé plywood thickness in mm	6+6	8 + 8	
Weight kg/panel		49,0	56,6
Weight kg m³		804	842

BONDING (EN636-3)

Class 3

FORMALDEHYDE RELEASE

E05

TECHNICAL DATA - EXAMPLE 110780

TYPE	STANDARD	UNIT	LONG GRAIN	CROSS GRAIN
Bending E-Modul	DIN EN 310	N/mm²	3530	3690
Bending strength	DIN EN 310	N/mm²	1210	1310
Fmax	DIN EN 310	N	36,4	39,2
Sound insulation index	ISO 10140-2 Rw according to 717-1	dB	Rw = 33,2	
Screw extraction	DIN EN 320	N	1320*	

* 2.7 mm pre-drilled; screw-in depth 15 mm

LIABILITY DISCLAIMER: The test specimens used to determine the mechanical properties were taken from series production and tested in accordance with the specified standard. The information in the data sheet is based on our current knowledge and experience. No express or tacit guarantee can be derived from this. It is the responsibility of the user to determine the suitability of the information and products for his intended use.

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