

ACOUSTIC SPLITTERS

1.1.4+

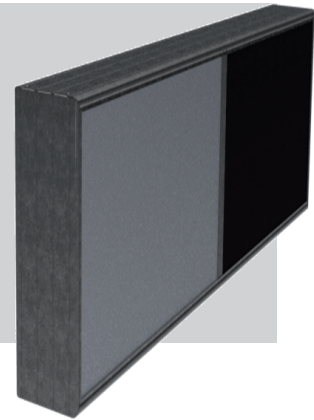
SONIE BME+

ACOUSTICS

High performance splitters with ½ membrane

The SONIE BME+ acoustic splitter is made of:

- An aerodynamic frame including groove stiffening deformation
- A sound proofing material with a density of 24 kg/m³
- A protection with anti-erosion glass silk layer
- An external half sheet in galvanized steel on each side.
- Assembly with rivets.



The new frame generation is designed with rounded angles reducing pressure losses up to 30% compared to standard splitters

CONSTRUCTION

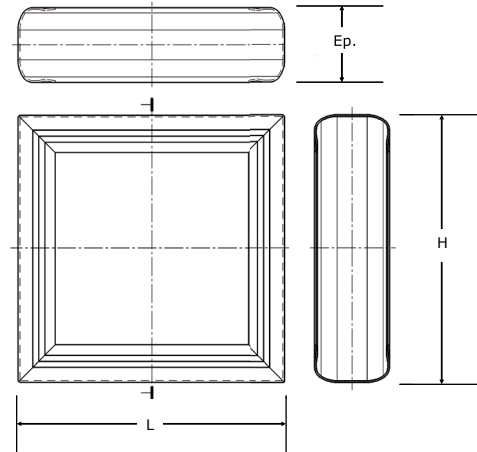
		Caractéristiques	Options
Frame	Material	Galvanized steel sheet with grooving	Stainless steel, painted steel or aluminium
	Thickness	0,6 mm	0,8 mm, 1 mm, 1,2 mm
	Width	50, 100, 150, 200 ou 300 mm	
	Assembly	By galvanized steel rivets	By stainless steel rivets
	Stiffener	Depending on the dimensions	
Sound absorbant	Material	Mineral wool panel Fire classification A2-S1-D0	
	Density	24 kg/m ³	Other on request (according to quantity)
	Protection	Anti-erosion fiberglass fabric on both faces	Glass fabric
Sheet membrane	Material	Galvanized steel sheet	Stainless steel, painted steel or aluminium
	Thickness	0,5 mm	Other thickness on request

Information and data can not be considered as contractual. Design and data changes may occur without notice during F2A's continuous product development.

DIMENSIONS

The splitters are made in one or several units depending on the dimensions.
A one unit construction shall respect the following criteria:

Length max. (mm)	2 500
Height max. (mm)	2 000
Surface max.	2,4 m ²
Weight max.	50 kg



For larger dimensions, acoustic splitters are provided in several units with mounting accessories.

APPLICATIONS

The acoustic splitter SONIE BME+ is especially recommended for sound trap dedicated to low frequency treatment.

Specification

- Acoustic splitter with external membrane.
- A rounded aerodynamic frame in galvanized steel, with grooving.
- Soundproofing mineral wool with a density of 24kg/m³, inorganic, rot-resistant, water-repellent
- Splitter will be fire classified A2-S1-D0.
- Black anti-erosion glass protection on both sides.
- Membrane composed of an external steel sheet on half of the length.