

TECHNICAL DATA SHEET

Square Raster Absorber

Sound absorption for walls and ceiling

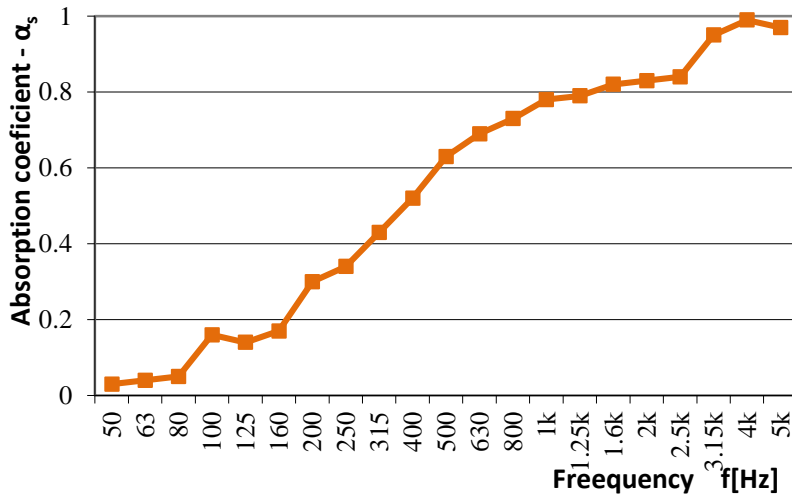
Product description and Technical Specification:

Offers good alternative results in the absorption of mid and high frequency range. The application of the element in recording, TV and radio studios guarantees high class acoustic solution. Another advantage in the application process is that when the elements are mounted next to each other the joints remain hidden and the holes in its core could be used as cable routes. Sound absorption coefficient is according to the standard EN ISO 345.



- Optionally treated with fire retardant – class of reaction to fire according to DIN4102 – B1

PHYSICAL CHARACTERISTICS	Unit	Value	Tolerance
Thickness	mm	75	±2%
Length	mm	500	±2%
Width	mm	500	±2%
Weight	kg	0,490	±2%



Sound absorption coefficient			
f [Hz]	as	f [Hz]	as
50	0.03	500	0.63
63	0.04	630	0.69
80	0.05	800	0.73
100	0.16	1k	0.78
125	0.14	1.25k	0.79
160	0.17	1.6k	0.82
200	0.3	2k	0.83
250	0.34	2.5k	0.84
315	0.43	3.15k	0.95
400	0.63	4k	0.99

TECHNICAL DETAILS	Standard	Unit	Value	Tolerance
CDH hardness 40%	ISO 3386	kPa	1,5	±2%
Density	ISO 845	kg/m ³	25	±2%

PACKING AND STORAGE

Indoor storage is obligatory for the produces, repaired from rain. Storage in a dry and cool place.