

TECHNICAL DATA SHEET

Acoustic panel - Gyza Raster Absorber

Acoustic panel

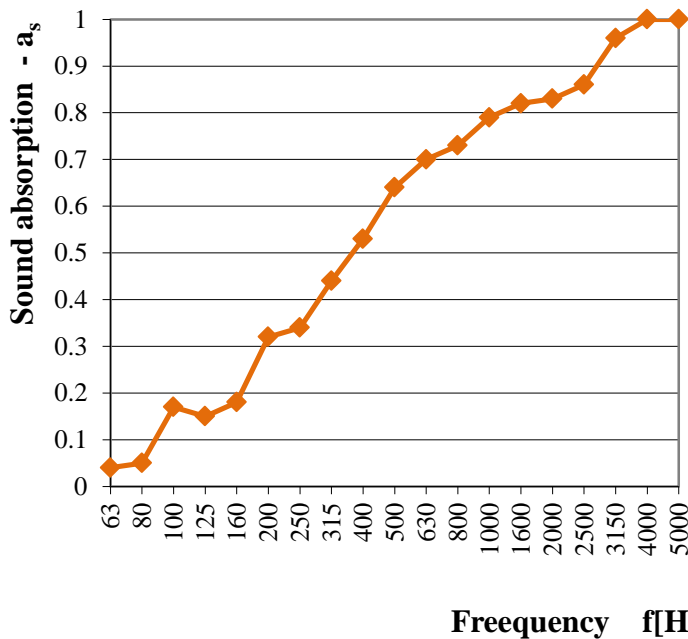
Product description and Technical Specification:

High quality Gyza Raster Absorber is made of a special polyurethane foam specially designed to absorb medium and high frequencies. The shape and size of the grid makes it most effective for any specialized areas. Each plate has recesses and grooves to further facilitate the efficiency of the panel. The dimensions of a panel are 500x500mm with thickness 95mm. The average sound absorption coefficient is $\alpha_w=0.56$.



- Excellent acoustic properties
- Easy installation and cutting
- Suitable for use on walls and ceilings

PHYSICAL CHARACTERISTICS	Unit	Value
Thickness	mm	95
Length	mm	500
Width	mm	500
Weight	gr	610



Sound absorption coefficient					
f [Hz]	α_s	f [Hz]	α_s	f [Hz]	α_s
63	0.04	315	0.44	1600	0.82
80	0.05	400	0.53	2000	0.83
100	0.17	500	0.64	2500	0.86
125	0.15	630	0.70	3150	0.96
160	0.18	800	0.73	4000	1.00
200	0.32	1000	0.79	5000	1.00
250	0.34	1250	0.80	-	-

TECNICAL Details	Standart	Unit	Value
Material			Acoustic foam
Color			Dark grey
Density	ISO 845	kg/m ³	25
CDH Hardness	ISO 3386	kPa	1.5
Fire rating			B1-s2-d0