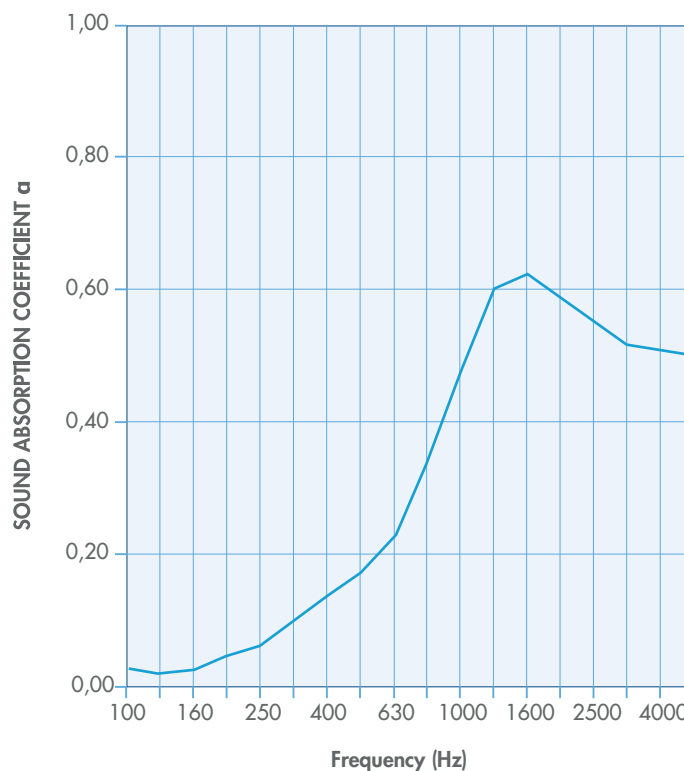


EUROBATEX® BUGNATO

TYPE OF MATERIAL:	An acoustic material in sheet form made from Flexible Elastomeric Foam (FEF) with a profiled surface cut into one side of the sheet
PRODUCT RANGE:	Sheet in a standard thickness of 20 mm, comprising of a 10 mm thick base layer and a 10 mm thick profiled surface layer. Different thicknesses and self-adhesive version are available upon request
FIELDS OF APPLICATION:	Acoustic absorption
ENVIRONMENTAL INFORMATION:	Flexible and expanded CFC and HCFC-free rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero)
ADDITIONAL INFORMATION:	Self-adhesive material: acrylate based adhesive coating reinforced with mesh structure. Protection liner made of polyolefin foil. Traces of silicon can be found on the foil protecting the self-adhesive coating
STORAGE CONDITIONS/SHELF LIFE:	Store the material in a dry and clean environments at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight when stored. Self-adhesive products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
ACOUSTIC ABSORPTION (α)	250 Hz 500 Hz 1000 Hz 2000 Hz 4000 Hz 5000 Hz	0,06 0,14 0,47 0,59 0,50 0,49	UNI EN ISO 354
FIRE PERFORMANCE	Self-extinguishing, does not spread flame		

Freq. Hz	T1 (sec)	T2 (sec)	Sound absorption coefficient αs	Practical absorption coefficient ap
100	6,50	6,01	0,03	
125	5,66	5,41	0,02	0,05
160	6,51	6,11	0,03	
200	5,69	5,09	0,05	
250	5,42	4,81	0,06	0,05
315	5,53	4,58	0,10	
400	5,75	4,48	0,12	
500	5,42	4,14	0,14	0,15
630	5,11	3,50	0,23	
800	4,89	2,97	0,33	
1000	4,70	2,52	0,47	0,45
1250	4,54	2,20	0,59	
1600	4,27	2,09	0,62	
2000	3,97	2,07	0,59	0,60
2500	3,57	2,02	0,54	
3150	2,99	1,86	0,51	
4000	2,64	1,74	0,50	0,50
5000	2,15	4,52	0,49	12



Sample surface: S = 12 m²
 Rating according to ISO 11654
α_w = 0,25 (H)