

# EUROBATEX® BUGNATO

A range of flexible elastomeric foam (FEF) acoustic insulation made from Eurobatex sheets with a profiled surface cut in to one side. The result of this special process is an open cell structure with an increased surface area which produces a significant noise reduction especially at medium to high frequencies (greater thickness = better acoustic insulation).

## APPLICATIONS FIELDS



**Industrial**



**Air Conditioning**



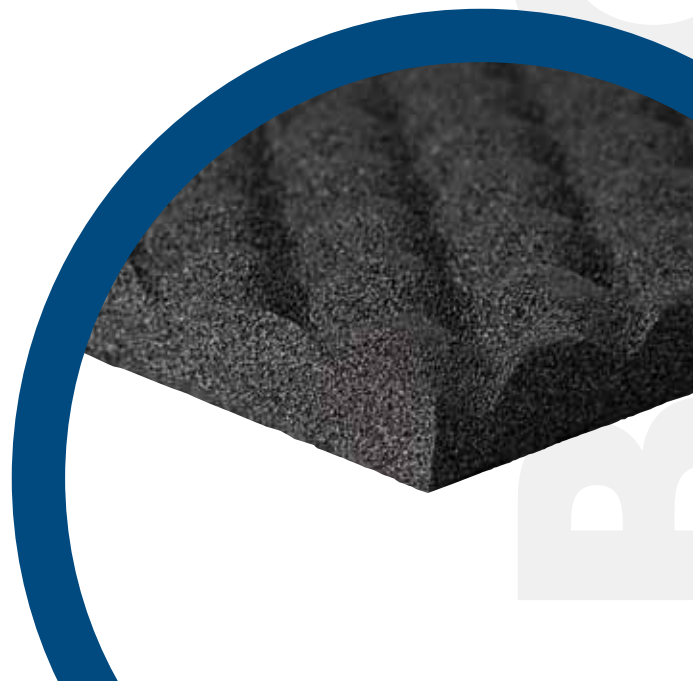
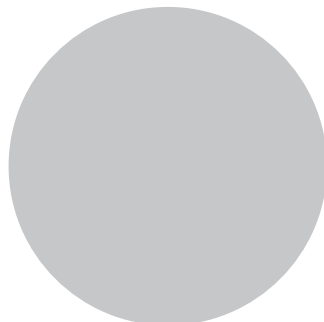
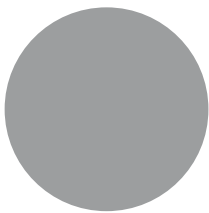
**Building**



**Refrigeration**



**Heating & Plumbing**

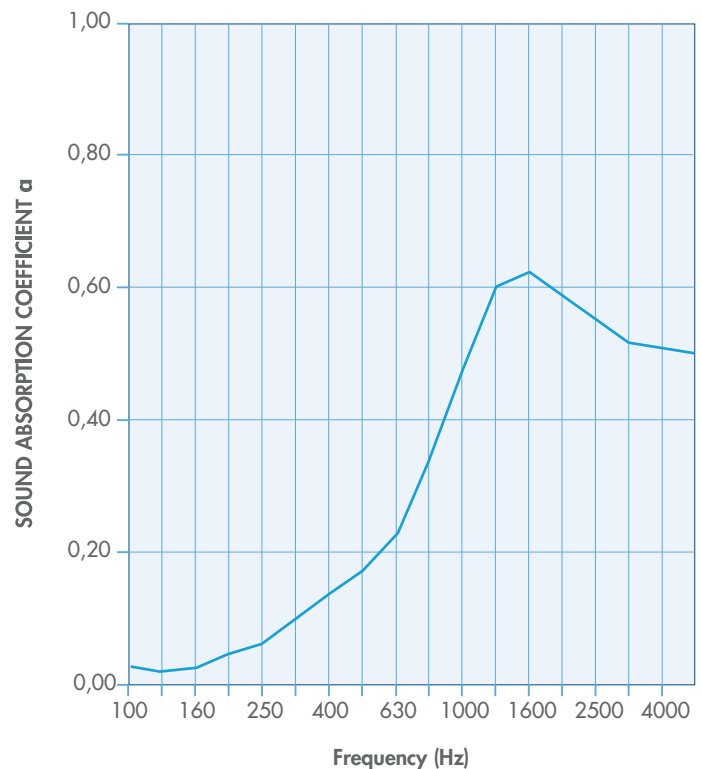


## EUROBATEX® BUGNATO

<b>TYPE OF MATERIAL:</b>	An acoustic material in sheet form made from Flexible Elastomeric Foam (FEF) with a profiled surface cut into one side of the sheet
<b>PRODUCT RANGE:</b>	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
<b>FIELDS OF APPLICATION:</b>	Acoustic absorption
<b>ENVIRONMENTAL INFORMATION:</b>	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)
<b>ADDITIONAL INFORMATION:</b>	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
<b>STORAGE CONDITIONS/SHELF LIFE:</b>	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
<b>ACOUSTIC ABSORPTION (<math>\alpha</math>)</b>	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
<b>FIRE PERFORMANCE</b>	Self-extinguishing, does not spread flame		

Freq. Hz	T1 (sec)	T2 (sec)	Sound absorption coefficient $\alpha_s$	Practical absorption coefficient $\alpha_p$
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 m<sup>2</sup>  
 Rating according to ISO 11654  
 $\alpha_w = 0,25$  (H)

# EUROBATEX® BUGNATO

## 1 x 2 m FLAT SHEET

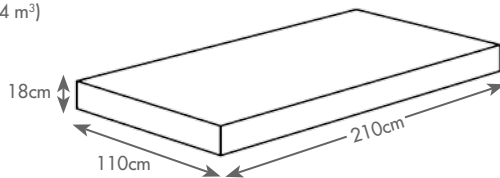
Item No.	Sheets dimension m	m <sup>2</sup> /box
10+10EURBU	1 x 2	12
15+15EURBU	1 x 2	8

### SELF-ADHESIVE

Item No.	Sheets dimension m	m <sup>2</sup> /box
10+10EURBU	1 x 2	12
15+15EURBU	1 x 2	8

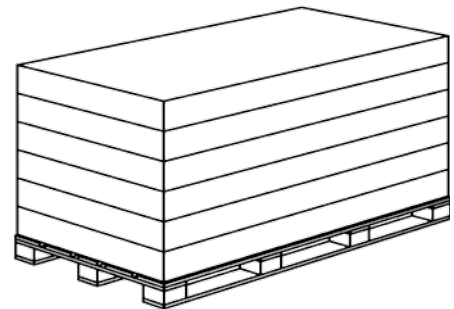


**Packaging dimensions:**  
(volume = 0,4 m<sup>3</sup>)



**Pallet dimensions:**

210 x 120 x 120 cm  
Volume = 2,9 m<sup>3</sup>  
Box/pallet = 6



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