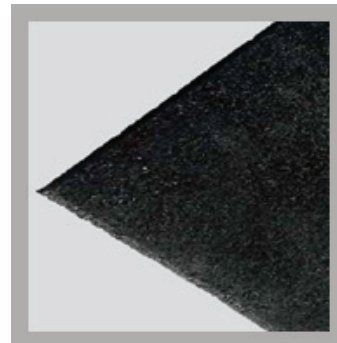


ACOUSTIC INSULATION
SUBFLOORING
WITHOUT LEAD LAYER
FOR UNDERFLOORS

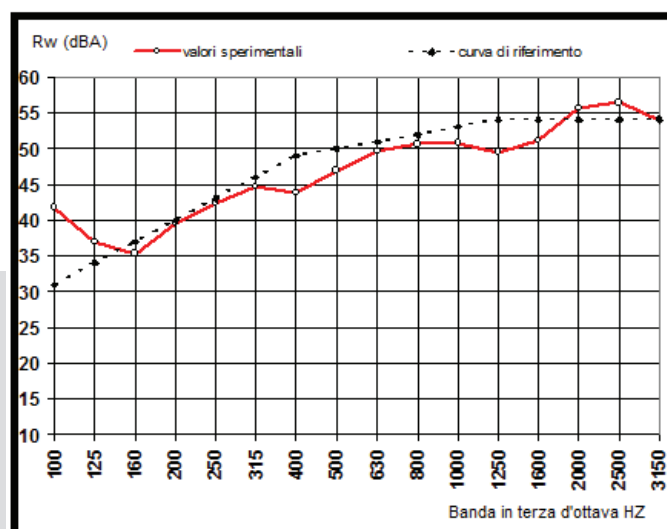
Ecorubber Panel

Ecorubber Panel is a panel made of recycled rubber granules, factory-produced using polyurethane resins agglomeration process with subsequent exfoliation. Nominal density of 730 kg/m³ and nominal thickness 10/20 mm. Used as in-wall acoustic insulation of airborne noise in all those horizontal or inclined partitions with little areic mass; also effective for application in wooden or steel roofs for the improvement of the soundproofing power.



SPECIFICATIONS	UM	VALUES	
Dimensions	m	1 X 1.20	
Nominal thickness	mm	10 (+/- 10%)	20 (+/- 10%)
Nominal density	kg/m ³	730 (+/- 10%)	
Compression stress characteristics DIN EN ISO 3386-2	MPa	CC25 : 0.54 CC40 : 1.80 CC50 : 4.60	CC25 : 0.64 CC40 : 1.90 CC50 : 5.20
Compression test at 10% DIN 53421	MPa	0.25	0.35
Elasticity mode	MPa	2.90	2.80
Tensile strength DIN EN ISO 1798	MPa	0.42	0.62
Elongation at break DIN EN ISO 1798	%	46	48
Shore-A hardness tests DIN 53505 *		50 A	
Determination of thermal conductivity DIN 52612	W / m K	$\lambda = 0.14$	
Chemical resistance		resistant to acids and bases resistant to oils	
Water vapour diffusion permeable to vapour		$\mu = 14$	
Approx. temperature tolerance	°C	-40 to +110 (for a limited time)	
Reaction to fire	class	F	

Potere fonoisolante apparente misurato in opera in cantiere				
Indice di valutazione per rumori aerei (UNI EN ISO 717-1)				
frequenza	R	ISO 717-1	scarti	
100	41,85	33	31	0,0
125	36,88	36	34	0,0
160	35,31	39	37	1,7
200	39,48	42	40	0,5
250	42,36	45	43	0,6
315	44,74	48	46	1,3
400	43,80	51	49	5,2
500	47,01	52	50	3,0
630	49,64	53	51	1,4
800	50,70	54	52	1,3
1000	50,74	55	53	2,3
1250	49,57	56	54	4,4
1600	51,05	56	54	2,9
2000	55,58	56	54	0,0
2500	56,46	56	54	0,0
3150	53,96	56	54	0,0
		somma scarti =	24,6	La somma degli scarti sfavorevoli < 32
	-2	R_w = 50(-1;-2)		



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