



Description :

	Alveolar foams			Smooth side foams			Rubber foams					Melamine foams			Composite foams		PU foam – Fire class.
Reference	30AL	50AL	50AL-ML	30FL	50FL	30FL-ML	552	552	552	25M1CC	32M1CC	30M1	40M1	50M1	25 Comp	50 Comp	25 M1 PU
Thickness (mm)	30	50	50	30	50	30	20	30	40	25	32	30	40	50	25	50	25
Polyurethane-based	•	•	•	•	•	•									•	•	•
Rubber-based							•	•	•	•	•						
Melamine-based												•	•	•			
Alveolar	•	•	•														
Flat				•	•	•	•	•	•	•	•	•	•	•	•	•	•
Adhesive side	•	•	•	•	•	•						•	•	•	•	•	
Protective film				•	•	•											
Heavy mass 5 kg/m ²			•			•											
Size 2,000x1,400mm	•	•	•	•	•	•											
Size 2,000x1,000mm							•	•	•	•	•				•		
Size 1,000x1,000mm																•	
Size 1,500x1,000mm																	•
Size 1,250x1,250mm												•	•	•			
Open/closed cells	O	O	O	O	O	O	F	F	F	F	F	O	O	O	O	O	O
Kg/m ²	0.80	1.40	6.25	0.90	1.50	5.90	2.80	4.20	5.60	1.75	2.24	0.33	0.44	0.55	4.00	8.00	1.00

Excellent	Very good	Good	Good enough	Mediocre	Low	Poor
1	2	3	4	5	6	7

Resistance :

	Alveolar foams			Smooth side foams			Rubber foams					Melamine foams			Composite foams		PU foam Fire class.
Reference	30AL	50AL	50ALML	30FL	50FL	30FLML	552	552	552	25M1CC	32M1CC	30M1	40M1	50M1	25Comp	50Comp	25M1PU
Thickness (mm)	30	50	50	30	50	30	20	30	40	25	32	30	40	50	25	50	25
watertightness	7	7	7	3	3	3	1	1	1	1	1	5	5	5	6	6	7
Dust tightness	5	5	5	2	2	2	1	1	1	1	1	5	5	5	4	4	6
Fire classification	5	5	5	5	5	5	6	6	6	1	1	1	1	1	5	5	1

Putting in :

	Alveolar foams			Smooth side foams			Rubber foams					Melamine foams			Composite foams		PU foam Fire class.
Reference	30AL	50AL	50ALML	30FL	50FL	30FLML	552	552	552	25M1CC	32M1CC	30M1	40M1	50M1	25Comp	50Comp	25M1PU
Thickness (mm)	30	50	50	30	50	30	20	30	40	25	32	30	40	50	25	50	25
Easy cut (Stanley knife)	4	4	4	4	4	4	3	3	3	2	2	1	1	1	3	3	3
Distortion ability (non-flat surface)	1	2	3	1	2	3	3	5	6	1	1	7	7	7	3	6	1
Impact resistance	3	3	3	3	3	3	1	1	1	3	3	7	7	7	1	1	2
Neoprene gluing (if not adhesive)	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	4

Acoustic tests :

		Alveolar foams			Smooth side foams			Rubber foams					Melamine foams			Composite foams		PU foam Fire class.
	Reference	30AL	50AL	50ALML	30FL	50FL	30FLML	552	552	552	25M1CC	32M1CC	30M1	40M1	50M1	25Comp	50Comp	25M1PU
	Thickness (mm)	30	50	50	30	50	30	20	30	40	25	32	30	40	50	25	50	25
Low frequencies Average 100up to 400Hz	Gain (dB) in transmission*	14.05	14.78	17.65	14.08	14.31	17.06	14.67	15.24	14.86	14.06	----	14.43	17.21	16.84	16.91	21.74	----
	Absorption ratio**	0.067	0.118	0.166	0.349	0.552	0.346	0.015	0.046	0.060	0.054	----	0.095	0.150	0.226	0.105	0.357	----
Low frequencies Average 400up to 2000Hz	Gain (dB) in transmission*	32.12	32.53	33.28	27.78	26.18	28.63	25.96	26.13	26.02	28.69	----	34.82	37.53	36.20	34.45	40.96	----
	Absorption ratio**	0.296	0.450	0.757	0.635	0.698	0.714	0.130	0.218	0.247	0.258	----	0.507	0.590	0.785	0.712	0.917	----
High frequencies Average 2,000 up to 10,000Hz	Gain (dB) en transmission*	45.00	45.00	58.00	41.00	43.00	52.00	46.00	50.00	56.00	53.00	----	53.00	49.01	50.16	54.00	63.81	----
	Coefficient absorption**	0.735	0.786	0.948	0.467	0.530	0.467	0.142	0.226	0.254	0.361	----	0.893	0.927	0.950	0.910	0.911	----

* Acoustic tests: Foam + 1mm Metal sheet (please refer to the tests concerning our foams' technical data sheet)

** Acoustic tests concerning Kundt's Tube (please refer the tests concerning our foams' technical data sheet)

Budget :

15 up to 30 € Excl. tax/m²	30 up to 45 € Excl. tax/m²	45 up to 60 € Excl. tax/m²	60 up to 75 € Excl. tax/m²	75 up to 100 € Excl. tax/m²

	Alveolar foams			Smooth side foams			Rubber foams					Melamine foams			Composite foams		PU foam Fire class.	
	Reference	30AL	50AL	50ALML	30FL	50FL	30FLML	552	552	552	25M1CC	32M1CC	30M1	40M1	50M1	25Comp	50Comp	25M1PU
Thickness (mm)	30	50	50	30	50	30	20	30	40	25	32	30	40	50	25	50	25	
For 5 up to 6m ²	15 up to 30 € Excl. tax/m ²																	
	30 up to 45 € Excl. tax/m ²																	
	45 up to 60 € Excl. tax/m ²																	
	60 up to 75 € Excl. tax/m ²																	
	75 up to 100 € Excl. tax/m ²																	
For 25 up to 30m ²	15 up to 30 € Excl. tax/m ²																	
	30 up to 45 € Excl. tax/m ²																	
	45 up to 60 € Excl. tax/m ²																	
	60 up to 75 € Excl. tax/m ²																	
	75 up to 100 € Excl. tax/m ²																	
For 50 up to 60m ²	15 up to 30 € Excl. tax/m ²																	
	30 up to 45 € Excl. tax/m ²																	
	45 up to 60 € Excl. tax/m ²																	
	60 up to 75 € Excl. tax/m ²																	
	75 up to 100 € Excl. tax/m ²																	

Excellent	Very good	Good	Good enough	Mediocre	Low	Poor
1	2	3	4	5	6	7

Examples of use :

Reference	Alveolar foams			Smooth side foams			Rubber foams					Melamine foams			Composite foams		PU foam Fire class.
	30AL	50AL	50ALML	30FL	50FL	30FLML	552	552	552	25M1CC	32M1CC	30M1	40M1	50M1	25Comp	50Comp	25M1PU
Thickness (mm)	30	50	50	30	50	30	20	30	40	25	32	30	40	50	25	50	25
Outside (not sheltered)	7	7	7	7	7	7	1	1	1	2*	2*	7	7	7	7	7	7
Outside (sheltered)	4	4	4	3	3	3	1	1	1	1	1	5	5	5	3	3	4
Public places	7	7	7	7	7	7	7	7	7	1	1	1	1	1	7	7	1
Music rooms (reduction of internal echo)	3	1	1	4	4	4	5	5	5	5	5	3	2	1	3	3	4
Music rooms (reduction of transmitted noises)	4	3	1	4	3	1	2	2	2	3	3	3	2	2	2	1	4
Heat pumps	4	3	2	4	3	1	5	5	5	5	5	5	5	5	1	1	4
Compressor	4	3	1	4	3	1	3	3	3	3	3	4	4	4	1	1	4
Machine tool (without oil)	4	3	1	4	3	1	3	2	1	2	2	7	7	7	3	3	3
Machine tool (with oil)	5	5	5	4	3	1	3	2	1	2*	2*	7	7	7	4	4	4
Marine engine	5	4	3	4	3	2	4	4	4	1	1	7	7	7	3	3	5
Door	4	4	4	4	4	4	2	2	2	1	1	5	5	5	3	3	4
Ceiling	3	3	7**	3	3	7**	5	5	5	5	5	1	1	1	5	5	5

*With protection coat

**Because of heavy mass 5kg/m²