

TECHNICAL DATA

Stone Wool Mats

Product	Nominal density kg/m ³	Compressive stress (10% deformation) kPa	Thermal conductivity (W/mK) Mean temperature ³⁾					
			10°C	50°C	100°C	200°C	300°C	
PAROC Marine Wired Mat 30	30		0.037					
PAROC Marine Wired Mat 40	40		0.036					
PAROC Marine Wired Mat 80	80		0.036	0.040	0.046	0.064	0.089	
PAROC Marine Navis Mat 60	60		0.032	0.038	0.045	0.063	0.086	
PAROC Marine Navis Mat 90	90		0.039	0.042	0.047	0.063	0.083	
PAROC Marine Navis Wired Mat 60	60		0.032	0.038	0.045	0.063	0.086	
PAROC Marine Navis Wired Mat 90	90		0.039	0.042	0.047	0.063	0.083	
PAROC Marine Wired Mat 100	100		0.039	0.042	0.047	0.063	0.083	
PAROC Pro Lamella Mat AluCoat	50		0.039	0.045	0.055	0.081		
PAROC Marine Mat 30	30		0.036					
PAROC Marine Mat 30 AluCoat	30		0.036					
PAROC Marine Mat 35	35		0.036					
PAROC Marine Mat 35 AluCoat	35		0.036					

Stone Wool Slabs

Product	Nominal density kg/m ³	Compressive stress (10% deformation) kPa	Thermal conductivity (W/mK) Mean temperature ³⁾							
			10°C	50°C	100°C	200°C	300°C	400°C	500°C	600°C
PAROC Marine Slab 30	30		0.039	0.042	0.054	0.085	0.132			
PAROC Marine Slab 40	40	1	0.037	0.042	0.054	0.085				
PAROC Marine Slab 60	60	3	0.037	0.042	0.048	0.067				
PAROC Marine Navis Slab 60	60	5	0.032	0.038	0.045	0.063	0.086	0.116	0.153	
PAROC Marine Navis Slab 100	100	10		0.043	0.047	0.065	0.095	0.138	0.196	
PAROC Marine Slab 80	80	10	0.037	0.043	0.047	0.065	0.095	0.138	0.196	
PAROC Marine Fire Slab 80	80	10	0.037	0.043	0.047	0.065	0.095	0.138	0.196	
PAROC Marine Fire Slab 100	100	10	0.037	0.043	0.047	0.065	0.095	0.138	0.196	
PAROC Marine Slab 130	130	20		0.042	0.046	0.060	0.081	0.110	0.147	0.192
PAROC Marine Fire Slab 150	150	20		0.042	0.046	0.060	0.081	0.110	0.147	0.192
PAROC Marine Slab 160	160	40	0.039	0.042	0.046	0.060	0.081	0.110	0.147	0.192
PAROC Marine Slab 180	180	50	0.039	0.042	0.046	0.060	0.081	0.110	0.147	0.192
PAROC Marine Slab 220	220	60		0.047	0.050	0.058	0.071	0.087	0.107	0.131
PAROC Marine Slab 250	250	80		0.047	0.050	0.058	0.071	0.087	0.107	0.131

Stone Wool Pipe Sections

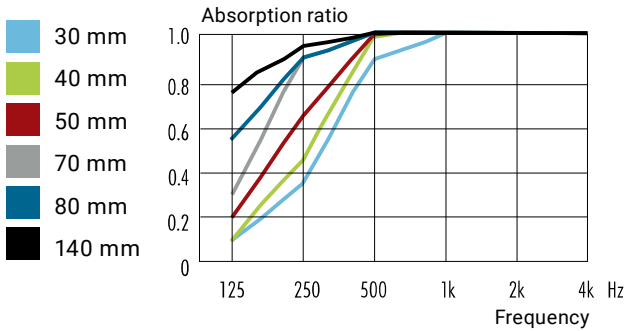
Product	Thermal conductivity (W/mK) Mean temperature ³⁾						
	10°C	50°C	100°C	150°C	200°C	300°C	400°C
PAROC Hvac Section AluCoat T	0.034	0.037	0.044	0.053	0.063	---	
PAROC Pro Section 100		0.040	0.046		0.064	0.092	
PAROC Pro Section 140		0.042	0.047		0.065	0.087	0.115

See product data sheets for dimensions and other information.

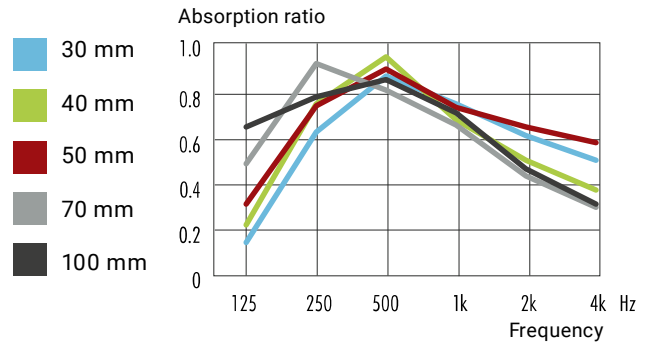
SOUND ABSORPTION*

Values tested in accredited testing laboratories according to EN ISO 354:2003 and EN ISO 11654:1997.

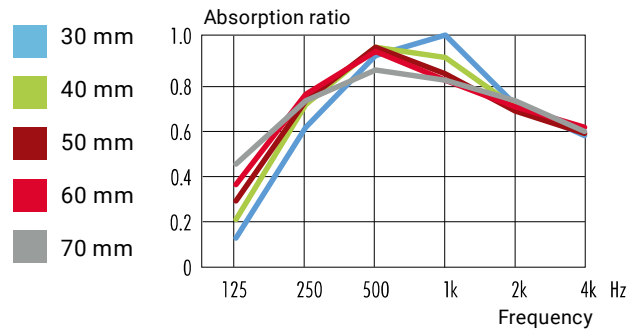
PAROC Marine Navis Slab 60



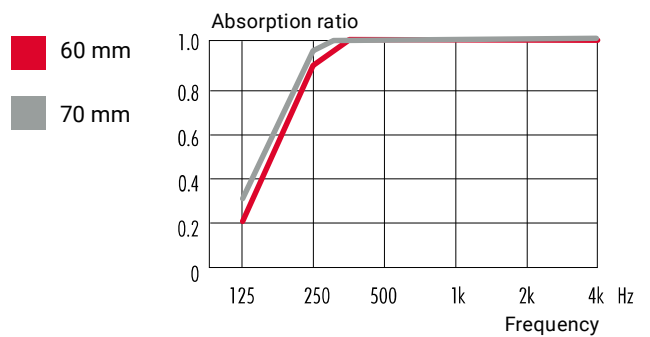
PAROC Marine Navis Slab 60 G1



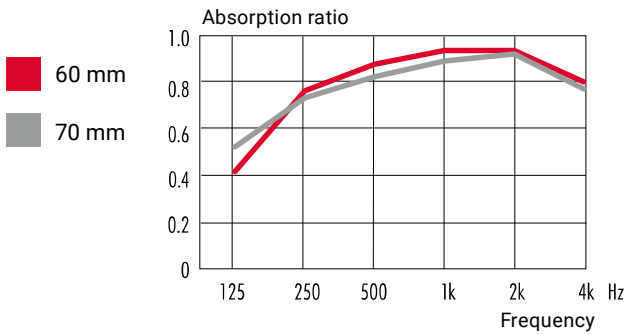
PAROC Marine Navis Wired Mat 60 G1



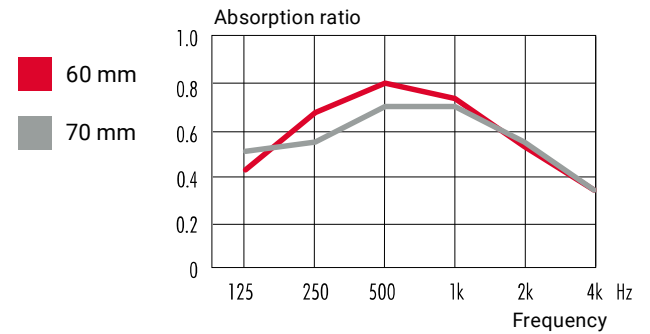
PAROC Marine Navis Wired Mat 90



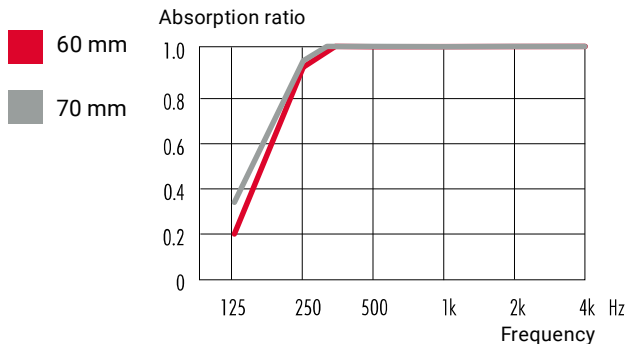
PAROC Marine Navis Wired Mat 90 AluCoat



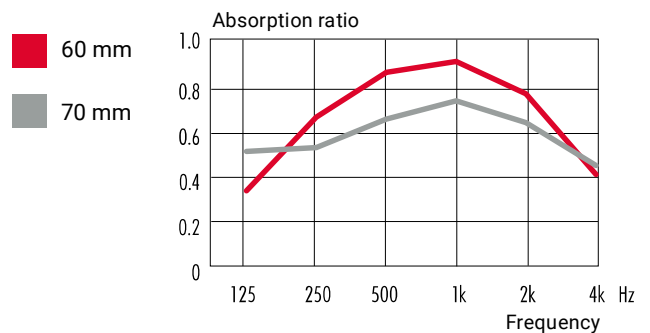
PAROC Marine Navis Wired Mat 90 G7



PAROC Marine Navis Mat 90



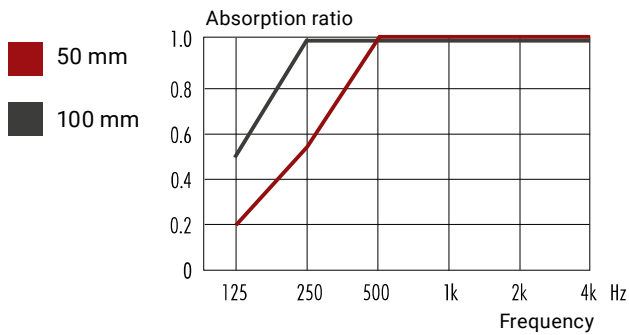
PAROC Marine Navis Mat 90 AluCoat



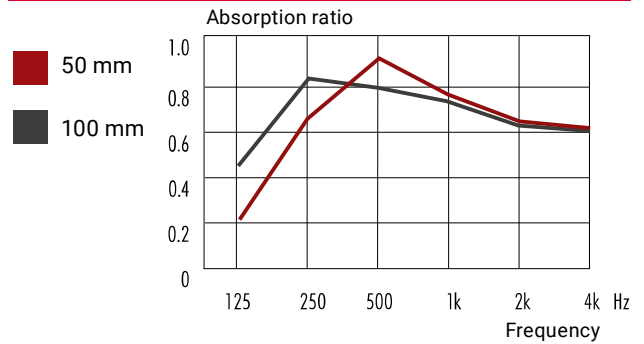
* The following sound attenuation measurements are done by certified Laboratories.

Values tested in accredited testing laboratories according to EN ISO 354:2003 and EN ISO 11654:1997.

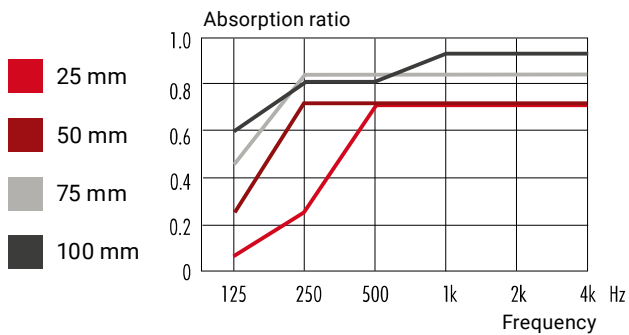
PAROC Marine Slab 40



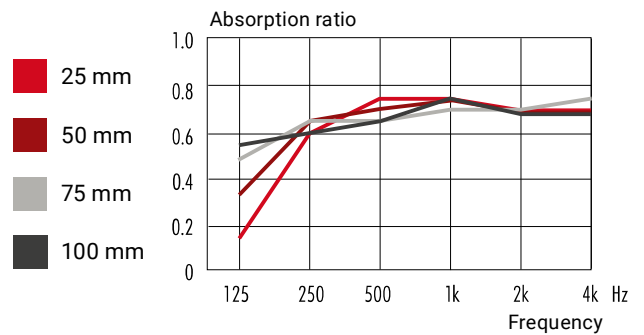
PAROC Marine Slab 40 G3



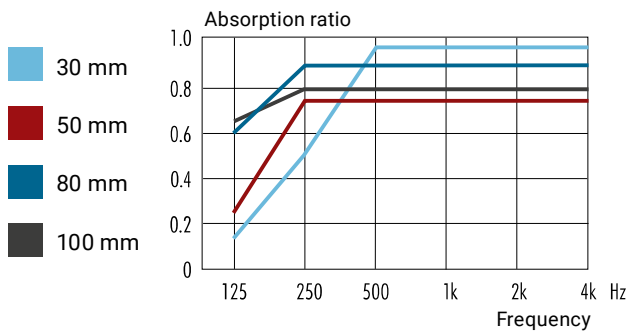
PAROC Marine Fire Slab 100



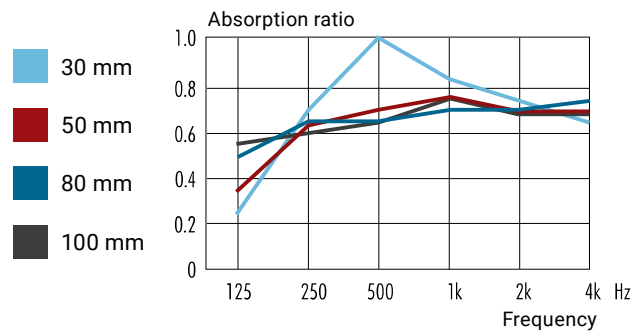
PAROC Marine Fire Slab 100 G1**



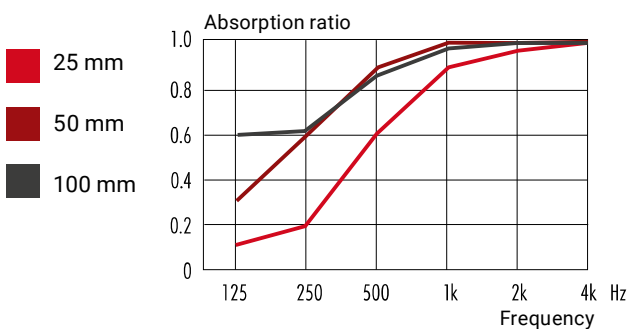
PAROC Marine Wired Mat 100



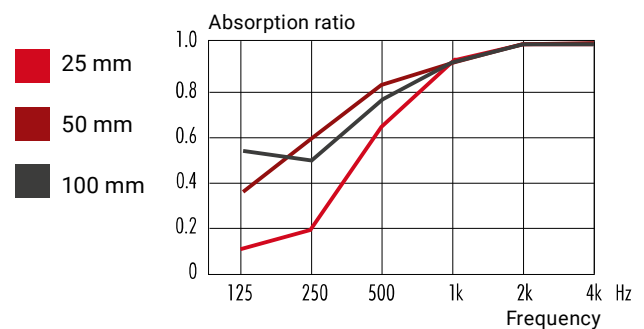
PAROC Marine Wired Mat 100 G1



PAROC Marine Slab 130



PAROC Marine Slab 160

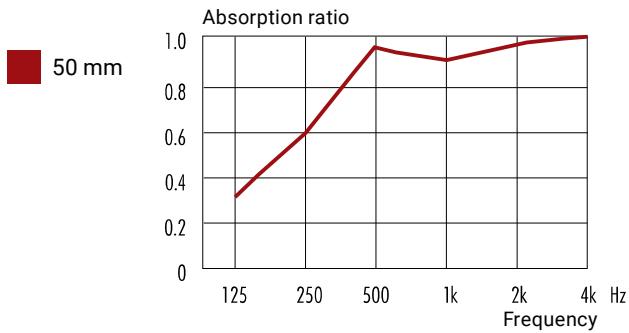


* The following sound attenuation measurements are done by certified Laboratories.

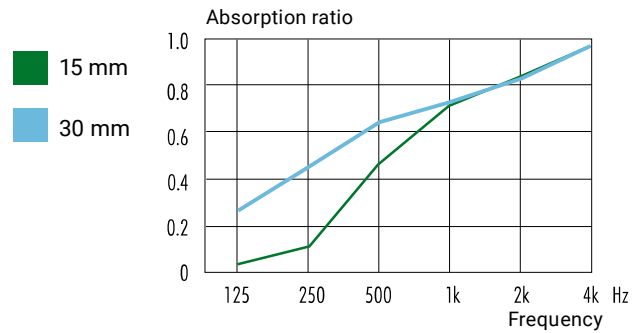
** Estimated values based on existing results.

Values tested in accredited testing laboratories according to EN ISO 354:2003 and EN ISO 11654:1997.

PAROC Marine Floor Slab 140



PAROC Marine Slab 220



Product	Weighted absorption α_w	Absorption class
PAROC Marine Navis Slab 60, 30 mm	0.65 (MH)	C
PAROC Marine Navis Slab 60, 40 mm	0.75 (MH)	C
PAROC Marine Navis Slab 60, 50 mm	0.95	A
PAROC Marine Navis Slab 60, 60 mm	1.00	A
PAROC Marine Navis Slab 60, 70 mm	1.00	A
PAROC Marine Navis Slab 60, 80 mm	1.00	A
PAROC Marine Navis Slab 60, 140 mm	1.00	A
PAROC Marine Navis Slab 60 AluCoat, 50 mm	0.75	C
PAROC Marine Navis Slab 60 G1, 30 mm	0.65	C
PAROC Marine Navis Slab 60 G1, 40mm	0,55(LM)	D
PAROC Marine Navis Slab 60 G1, 50 mm	0,7	C
PAROC Marine Navis Slab 60 G1, 60 mm	0,55(LM)	D
PAROC Marine Navis Slab 60 G1, 70mm	0,45(LM)	D
PAROC Marine Navis Slab 60 G1, 100mm	0,50(LM)	D
PAROC Marine Navis Slab 60 G3, 50 mm	0.95	A
PAROC Marine Navis Slab 60 G4, 50 mm	0,30(LM)	D
PAROC Marine Navis Slab 60 G7, 50 mm	0,30(LM)	D
PAROC Marine Navis Wired Mat 60, 50 mm	0,80(H)	B
PAROC Marine Navis Wired Mat 60 AluCoat, 50 mm	0.85	B
PAROC Marine Navis Wired Mat 60 G1, 30 mm	0,75(M)	C
PAROC Marine Navis Wired Mat 60 G1, 40 mm	0.75	C
PAROC Marine Navis Wired Mat 60 G1, 50 mm	0.75	C
PAROC Marine Navis Wired Mat 60 G1, 60 mm	0.75	C
PAROC Marine Navis Wired Mat 60 G1, 70 mm	0.75	C
PAROC Marine Navis Wired Mat 60 G4, 50 mm	0,50(LM)	D
PAROC Marine Navis Wired Mat 60 G7, 50 mm	0,50(LM)	D
PAROC Marine Navis Wired Mat 90 G4, 60 mm	0,55(LM)	D
PAROC Marine Navis Wired Mat 90 G4, 70 mm	0.55	D
PAROC Marine Navis Wired Mat 90 G7, 60 mm	0,55(LM)	D
PAROC Marine Navis Wired Mat 90 G7, 70 mm	0.55	D
PAROC Marine Navis Wired Mat 90, 60 mm	1	A
PAROC Marine Navis Wired Mat 90, 70 mm	1	A
PAROC Marine Navis Wired Mat 90 AluCoat, 60 mm	0,9	A
PAROC Marine Navis Wired Mat 90 AluCoat, 70 mm	0,9	A
PAROC Marine Navis Wired Mat 90 G1, 60 mm	0,65(L)	C
PAROC Marine Navis Wired Mat 90 G1, 70 mm	0,7	C

Product	Weighted absorption α_w	Absorption class
PAROC Marine Navis Mat 60, 60 mm	1	A
PAROC Marine Navis Mat 90, 60 mm	1	A
PAROC Marine Navis Mat 90, 70 mm	1	A
PAROC Marine Navis Mat 90 AluCoat, 60 mm	0,65(LM)	C
PAROC Marine Navis Mat 90 AluCoat, 70 mm	0,65	C
PAROC Marine Fire Slab 100, 25 mm	0.55	D
PAROC Marine Fire Slab 100, 50 mm	1.00	A
PAROC Marine Fire Slab 100, 75 mm	1.00	A
PAROC Marine Fire Slab 100, 100 mm	1.00	A
PAROC Marine Fire Slab 100 G1, 25 mm	0.75	C
PAROC Marine Fire Slab 100 G1, 50 mm	0.75	C
PAROC Marine Fire Slab 100 G1, 75 mm	0.70	C
PAROC Marine Fire Slab 100 G1, 100 mm	0.70	C
PAROC Marine Slab 40, 50 mm	0.85 (H)	B
PAROC Marine Slab 40, 100 mm	1.00	A
PAROC Marine Slab 40 G3, 50 mm	0.70 (L)	C
PAROC Marine Slab 40 G3, 100 mm	0.70 (L)	C
PAROC Marine Slab 130, 25 mm	0.50 (HH)	D
PAROC Marine Slab 130, 50 mm	0.85 (H)	B
PAROC Marine Slab 130, 100 mm	0.85 (H)	B
PAROC Marine Slab 160, 25 mm	0.50 (MH)	D
PAROC Marine Slab 160, 50 mm	0.85 (H)	B
PAROC Marine Slab 160, 100 mm	0.80 (H)	B
PAROC Marine Floor Slab 140, 50 mm	0.90 (H)	A
PAROC Marine Slab 220, 15 mm	0.90 (MH)	D
PAROC Marine Slab 220, 30 mm	0.70 (H)	C
PAROC Marine Wired Mat 100, 30 mm	0.80 (H)	B
PAROC Marine Wired Mat 100, 50 mm	1.00	A
PAROC Marine Wired Mat 100, 80 mm	1.00	A
PAROC Marine Wired Mat 100, 100 mm	1.00	A
PAROC Marine Wired Mat 100 G1, 30 mm	0.80	B
PAROC Marine Wired Mat 100 G1, 50 mm	0.75	C
PAROC Marine Wired Mat 100 G1, 80 mm	0.70	C
PAROC Marine Wired Mat 100 G1, 100 mm	0.70	C

The letters connected to the weighted absorption value (L, M, H) are spectrum indicators according to ISO 11654 where L = Low frequency, M = Middle frequency, and H = High frequency.