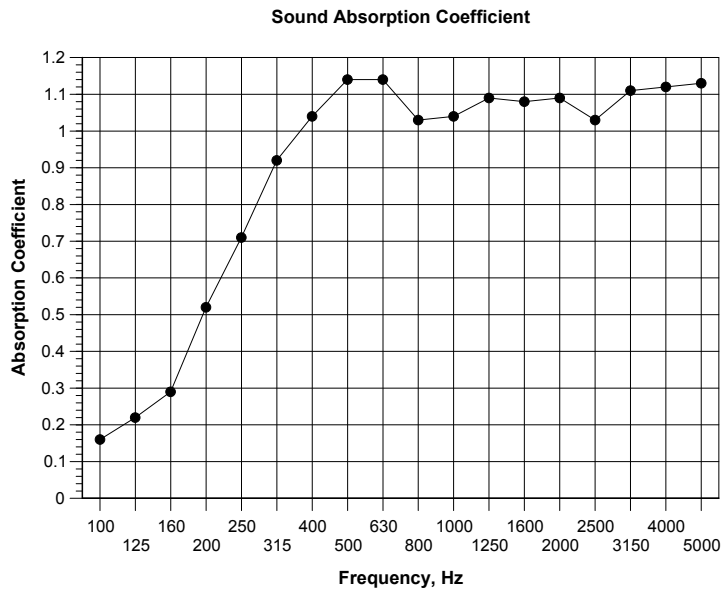


See SRL report C/23146/T01 for full details

The Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003

**Client:** ROCKWOOL INTERATIONAL A/S, ROCKFON  
**Test Date:** 15/07/2015  
**Empty Room:** **Temperature:** 19.8 °C **Humidity:** 79 %RH **Pressure:** 1009 mbar  
**Room with Sample:** **Temperature:** 19.9 °C **Humidity:** 79 %RH **Pressure:** 1010 mbar  
**Sample Description:** Rockfon® Blanka™ Activity 600x600x40mm  
**Mounting Method:** A  
**Sample Area:** 12.67 m2  
**Chamber Volume:** 300 m3

Test 2				
Freq Hz	T1 sec	T2 sec	Absorp Coeff	Practical Absorp Coeff #
50*	5.00	4.65	0.06	
63*	5.07	4.63	0.07	n/a
80*	6.91	6.09	0.07	
100	7.70	5.81	0.16	
125	7.89	5.42	0.22	0.20
160	7.18	4.62	0.29	
200	6.92	3.57	0.52	
250	7.47	3.12	0.71	0.70
315	7.35	2.66	0.92	
400	6.57	2.36	1.04	
500	5.61	2.10	1.14	1.00
630	5.27	2.05	1.14	
800	5.61	2.23	1.03	
1000	6.02	2.28	1.04	1.00
1250	5.75	2.18	1.09	
1600	5.22	2.11	1.08	
2000	4.92	2.04	1.09	1.00
2500	4.49	2.03	1.03	
3150	3.92	1.83	1.11	
4000	3.28	1.67	1.12	1.00
5000	2.73	1.51	1.13	
6300*	2.11	1.32	1.09	
8000*	1.67	1.14	1.07	n/a
10000*	1.25	0.91	1.15	



$\alpha_w$  1.00  
**Class A**  
 Calculated to EN ISO 11654:1997  
**NRC 1.00**  
 Calculated to ASTM C 423-01  
 \* Denotes frequencies outside the range covered by BS EN ISO 354:2003  
 T1, empty room reverberation time  
 T2, room reverberation time with sample

# Practical absorption coefficient, BS EN ISO 11654:1997

v4.3