

Sound Reduction index, R, in accordance with ISO 10140-2

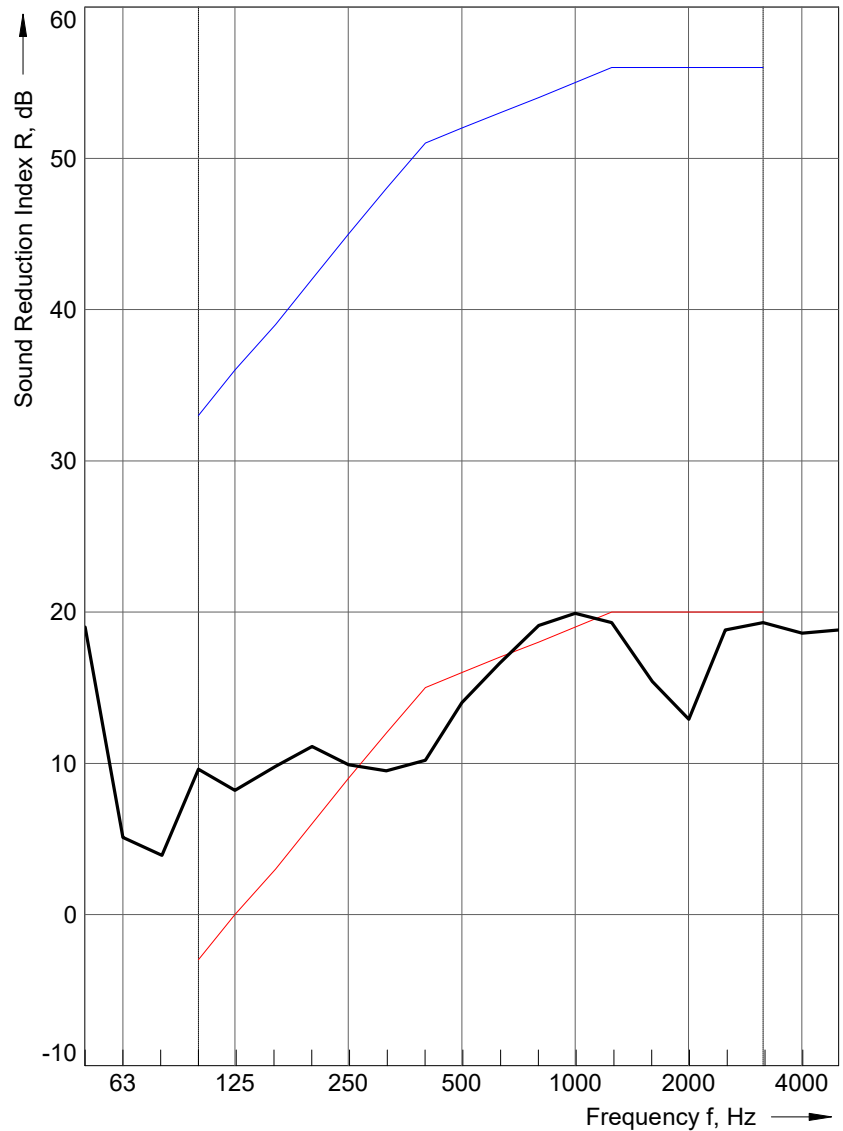
Manufacturer:
 Client: Sealed Air
 Test element mounted by:
 Description of test facility, test element and test arrangement, including reference to ISO 10140-1, where applicable:

Product identification: Whisper FR 60 mm (3 layers)
 Test room identification:
 Date of test: 04/09/2018
 Whisper FR 60 mm (White 3 layers); thickness measured 65mm

Area, S, of test element: 1.8 m²
 Mass per unit area: kg/m²
 Static pressure: MPa
 Receiving room volume: m³
 Air temp. in the test rooms: °C
 Relative humidity in the test rooms: %

— Frequency range according to the curve of reference values (ISO 717-1)

Frequency f Hz	R 1/3 Octave dB
50	19,0
63	5,1
80	3,9
100	9,6
125	8,2
160	9,8
200	11,1
250	9,9
315	9,5
400	10,2
500	14,0
630	16,6
800	19,1
1000	19,9
1250	19,3
1600	15,4
2000	12,9
2500	18,8
3150	19,3
4000	18,6
5000	18,8



Rating according to ISO 717-1

$R_w (C; C_{tr}) = 16 (-1; -2) \text{ dB}$

$C_{50-3150} = -1 \text{ dB}; C_{50-5000} = 0 \text{ dB}; C_{100-5000} = 0 \text{ dB};$

Evaluation based on laboratory measurement results obtained by an engineering method

$C_{tr,50-3150} = -2 \text{ dB}; C_{tr,50-5000} = -2 \text{ dB}; C_{tr,100-5000} = -2 \text{ dB};$

No. of test report: SONH949
 Date: 19/09/2018

Name of test institute: eco-scan
 Signature: