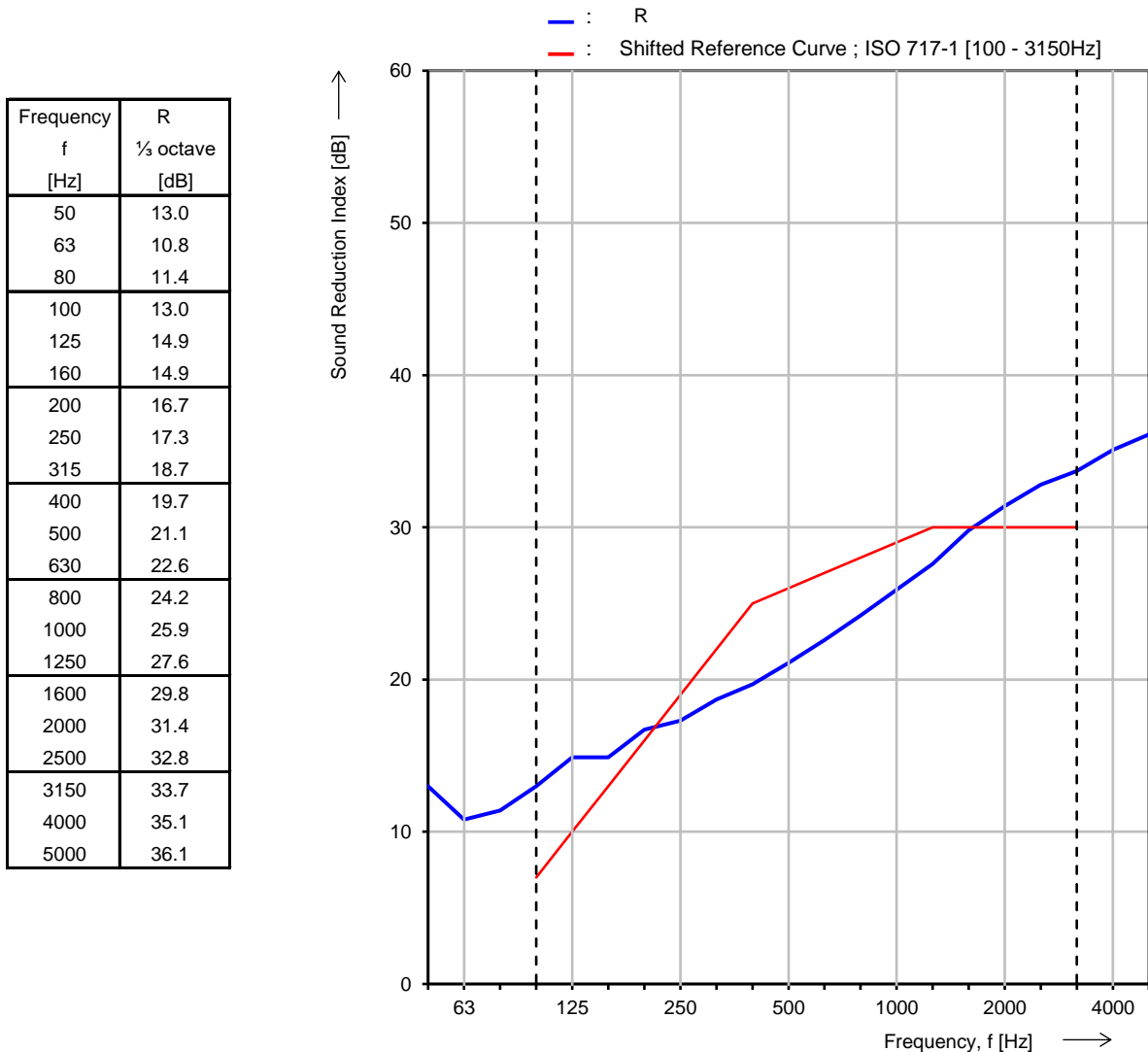


BS EN ISO 10140-2 : 2010, Sound Reduction Index

Laboratory measurement of sound insulation of building elements

Client:	University of Salford - Test Laboratory	Product Identification:	Metal Wall
Mounted by:	University of Salford, Acoustic Test Lab.	Test Room Identification:	Acoustic Transmission Suite
Sample Size:	8.64 m ²	Date of Test:	04 December 2018
Manufacturer:	Not Specified		
Description:	Reference Sample, 3 Metal Panels		

Source Room Volume:	136 m ³	Ambient Pressure:	101.9 kPa
Source Room Temperature:	21.6 °C	Measured Mass per unit area:	7.7 kg/m ²
Source Room Relative Humidity:	35.3 %	Curing Time:	Not Applicable
Receiving Room Volume:	221 m ³		
Receiving Room Temperature:	20.9 °C		
Receiving Room Relative Humidity:	37.4 %		



Rating according to BS EN ISO 717-1

R_w (C;Ctr) = 26 (-1; -4) dB

C₅₀₋₃₁₅₀ = 0 dB ; C₅₀₋₅₀₀₀ = 0 dB ; C₁₀₀₋₅₀₀₀ = 0 dB
 C_{tr,50-3150} = -4 dB ; C_{tr,50-5000} = -4 dB ; C_{tr,100-5000} = -4 dB

Evaluation based on laboratory measurement results obtained in one-third-octave bands by an engineering method.

Name of test institute:	The University of Salford, Acoustic Test Laboratory	Signature:	-----
No. of test report:	XXXX-YYYY	Operator:	D. Wong-McSweeney
Date:	04 December 2018		