

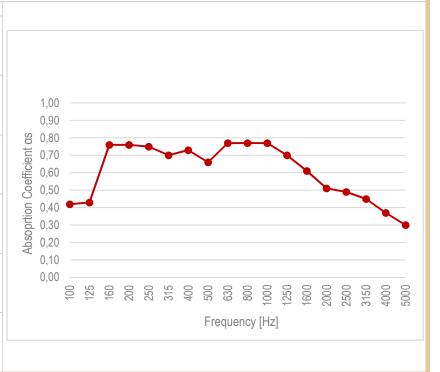
LINCRETE PERFORATION 57/66/36 MINERAL WOOL 25 MM



SOUND ABSORPTION COEFFICIENT TESTED IN A REVERBERATION ROOM IN ACCORDANCE WITH ISO 354 RATED IN ACCORDANCE WITH EN ISO 11654

General Data	
Test Report No	C/23242/T01a
Product	LinCrete GFRC cladding with perforated elements
Acoustic backing	Mineral wool; thickness: 25mm
Perforation type	57/66/36
Hole characteristics	conical; ø 36 – 32.5 mm
Open area	14 %

Sound Absorption Values					
Frequency [Hz]	α_s Third	α _p Octave			
100	0.42				
125	0.43	0.55			
160	0.76				
200	0.76				
250	0.75	0.75			
315	0.70				
400	0.73	0.70			
500	0.66				
630	0.77				
800	0.77	0.75			
1000	0.77				
1250	0.70				
1600	0.61				
2000	0.51	0.55			
2500	0.49				
3150	0.45				
4000	0.37	0.35			
5000	0.30				



Rated Performance Data					
Rated in accordance with ISO11654		Rated in accordance with ASTM C 423			
Rated sound absorption coefficient	$\alpha_{\rm w} = 0.55$ (L)	Noise Reducation Coefficient	NRC = 0.65		
Sound absorber class	D				