

## **REVISED TSB 002**

9<sup>th</sup> May 2017

Supersedes TSB002 dated 9<sup>th</sup> Feb 2012

# **TECHNICAL SALES BULLETIN 002**

## **MEAN SOUND TRANSMISSION LOSS OF VARIOUS GLASS PRODUCTS**

Measured at the centre frequency of the 1/3<sup>rd</sup> octave band, the indicative mean S.T.L.(100-5000Hz) of some common glass types are as follows :-

4mm Annealed or Toughened Monolithic Glass	27dB
6mm Annealed or Toughened Monolithic Glass	29dB
10mm Annealed or Toughened Monolithic Glass	31dB
12mm Annealed or Toughened Monolithic Glass	33dB
6,38mm N.S. PVB Laminate	33dB
6,76mm H.P.R. PVB Laminate	34dB
6,76 or 6,50mm Soundprufe PVB Laminate	35dB
8,38mm N.S. PVB Laminate	34dB
8,76mm H.P.R. PVB Laminate	35dB
8,76 or 8,50mm Soundprufe PVB Laminate	37dB
12,76mm PVB Laminate	38dB

For SIG Units incorporating the above products with a 12mm airgap and 6mm monolithic inner, you can add 3dB to the above-mentioned values. It is important to note that every 10dB represents a doubling or halving of the perceived sound pressure level i.e. a 40dB noise is twice as loud as a 30dB noise. For more accurate data, and/or complex permutations, please contact the undersigned.



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