

CABLOFIL®

INNOVATORS IN CABLE MANAGEMENT

EZ-PATH FIRESTOP DEVICE ACOUSTIC BARRIER

STC ACOUSTIC RATINGS

Ez-Path was tested to the American Society of Testing and Material (ASTM) Standard E 90 entitled (according to the BB93 UK), "Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements".

This test was conducted to determine how effective EZ-Path is for use in areas where minimising sound transfer is critical. It is important to note that sound transfer through walls can also relate to the construction of the barrier itself.

The device attained a maximum STC value of 45. This was filled to capacity with various types and sizes of cables.

ATTENUATION RATE 45:

Tests recently carried out by an Independent Laboratory classify the EZ-Path® as a 'very good' phonic insulator. It has a rate of attenuation that can reach 45dB.

The EZ-Path® device surrounds the cables with the convex shaped intumescent lining and restores the sound proofing of the opening.

STC SOUNDPROOFING PROPERTIES

To put this number into perspective, a chart has been included that appears in the report entitled, "Construction Materials & Processes" relating to STC ratings and the soundproofing capabilities attributed to each value:

All tests and certificates were carried out by independent and accredited laboratories.

STC rating, dB	Soundproofing properties	Speech Comparison
25-30	Poor	Normal speech understood easily and distinctly through the wall
30-35	Fair	Loud speech understood, normal speech audible but understood with difficulty
35-40	Good	Loud speech audible but not understood, normal speech inaudible
40-50	Very Good	Loud speech and average radio or TV only faintly audible → EZ-Path
50 or over	Excellent	Very loud noises and hi-fi faint or inaudible

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