



Sound Reduction

to BS EN ISO 140-3: 1995

Document No. PO / S34

Polar Double Glazed System 44 mm Double Glazed Door with a Aluminium Door Frame (DGP25)

This is to confirm that the double glazed construction of the above partitioning system using 44 mm thick Double Glazed Door Set fitted with twin fin seals in the Building Test Centre Report No BTC 17959A (available on request), has been tested in accordance with BS EN ISO 140-3 for measurement of airborne sound insulation of building elements and that the resulting R_w measurements are derived from BS EN ISO 717/1.

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| Weighted Sound Reduction Index 100-3150 Hz |
| 38 dB (R_w) |

For performance validation of the installed product this Summary of Performance must be accompanied by the signed Contractors Statement



Certificate no: See Website

National Specifier Support Line Tel: 0871 781 2700 E-mail: tech@komfort.com Internet: www.komfort.com

POLAR Partitioning System

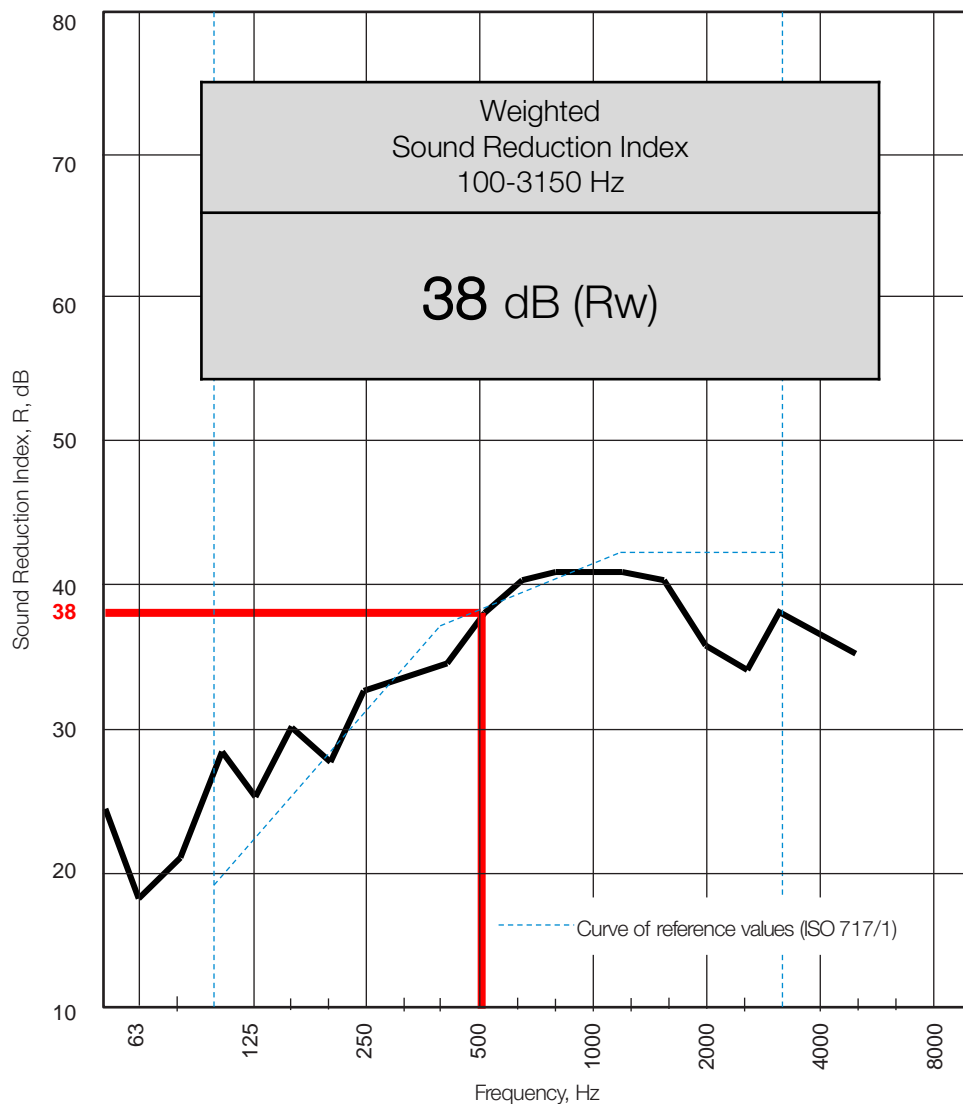
44 mm Double Glazed Door with DGP25



Summary of Results

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|---------------------------------|
| Test Report: H17959AA |
| Test Date 20/09/2012 |

| Freq. Hz | R dB |
|----------|------|
| 50 | 20.4 |
| 63 | 16.5 |
| 80 | 17.0 |
| 100 | 25.5 |
| 125 | 27.4 |
| 160 | 28.7 |
| 200 | 29.7 |
| 250 | 26.8 |
| 315 | 25.7 |
| 400 | 26.3 |
| 500 | 27.2 |
| 630 | 28.2 |
| 800 | 28.2 |
| 1000 | 27.8 |
| 1250 | 27 |
| 1600 | 27.6 |
| 2000 | 28.0 |
| 2500 | 27.6 |
| 3125 | 26.7 |
| 4000 | 28.1 |
| 5000 | 28.7 |
| 6300 | |
| 8000 | |
| 10000 | |



The above data must be read in conjunction with the test summary description given overleaf. The information given is an extract of the test report supplied by The Building Test Centre, East Leake, Loughborough. BTC is a UKAS approved test laboratory.



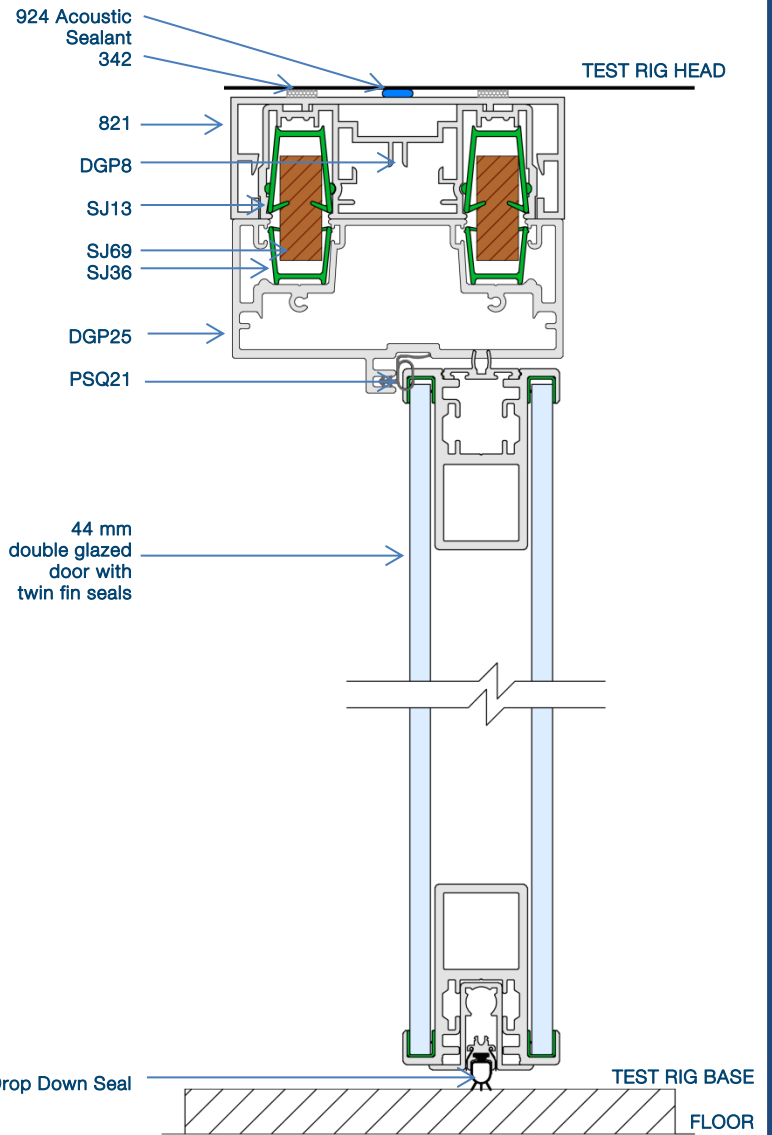
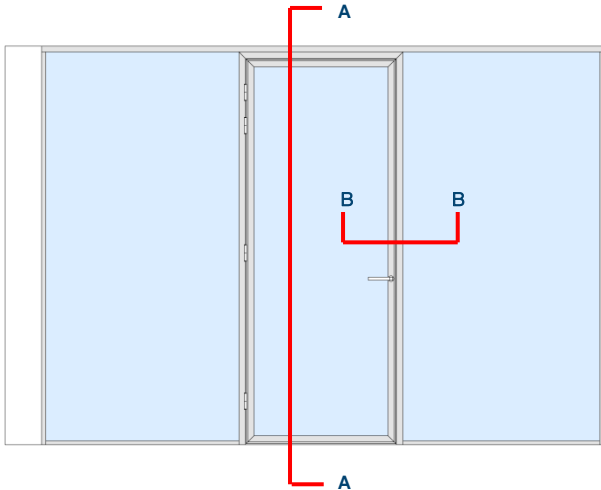
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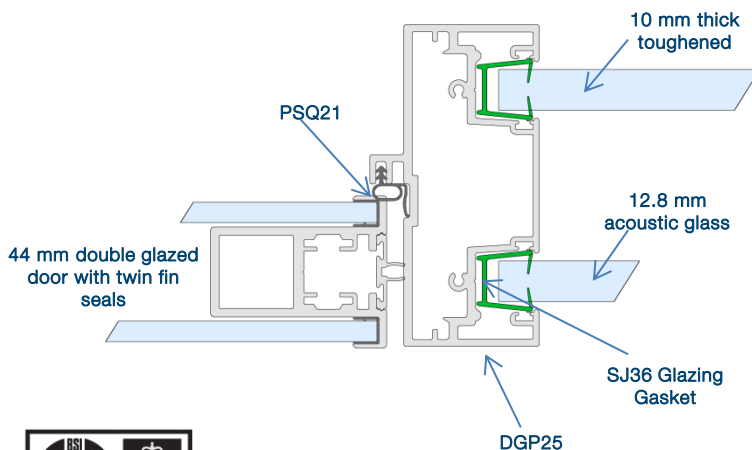
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Junction Overview



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|-------------------------------------|---|
| Doorset: | Polar Double Glazed Aluminium Door Frame Assembly (DGP25) fitted against a Aluminium Head Channel (821+DGP28) by inserting Timber Inserts (SJ69) Installed with a prefabricated 44 mm Komfort Double Glazed Door (2300x900x44 mm) that was hung into the frame using no. 3 4126LBSS lift off hinges and fitted with twin fin seals. |
| Glass : | 6mm thick Toughened (class 'A') Safety Glass. |
| Maximum Construction Height: | 3000 mm |

CROSS SECTION B-B



CROSS SECTION A-A

