



ACOUSTIC PERFORMANCE

Windell use a combination of Pilkington Optilam™ and Dorma Universal Patch fittings for Interior Glazing

Table: Sound Insulation data for Pilkington Optilam™ and Pilkington Optiphon™

| Glass thickness | Product | $R_w(C;C_{tr})$ |
|-----------------|---|-----------------|
| 6 mm | Pilkington Optifloat ™ Clear (for reference) | 31 (-2;-3) |
| 6.4 mm | Pilkington Optilam ™ | 32 (-1;-3) |
| 8.8 mm | Pilkington Optilam ™ | 33 (-1;-3) |
| 10.8 mm | Pilkington Optilam ™ | 34 (-1;-3) |
| 6.8 mm | Pilkington Optiphon ™ | 35 (-1;-3) |
| 8.8 mm | Pilkington Optiphon ™ | 37 (-1;-4) |
| 10.8 mm | Pilkington Optiphon ™ | 38 (-1;-2) |
| 12.8 mm | Pilkington Optiphon ™ | 39 (0;-2) |
| 16.8 mm | Pilkington Optiphon ™ | 40 (0;-2) |

*Note: For Pilkington **Optilam**™ Phon, $R_w (C; C_{tr})$ determined in accordance with BS EN ISO 717-1. For other configurations, $R_w (C; C_{tr})$ based on generally accepted values in BS EN 12758: 2002. These represent conservative values which may be adopted in the absence of specified measured data.*

Tested by: **Pilkington**