



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**