

# Acoustic Performance Chart

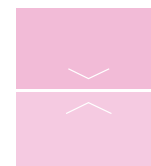
|                          | Primary Window 4mm Float Glass |     |     |      | Primary Window 6mm Float Glass |     |     |      | Primary Window 4mm Float Glass |     |     |      | Primary Window 6mm Float Glass |     |     |      |
|--------------------------|--------------------------------|-----|-----|------|--------------------------------|-----|-----|------|--------------------------------|-----|-----|------|--------------------------------|-----|-----|------|
|                          | 200mm Glass to Glass           |     |     |      | 200mm Glass to Glass           |     |     |      | 150mm Glass to Glass           |     |     |      | 150mm Glass to Glass           |     |     |      |
| Secondary Glazing        | 2PHS                           | HU  | BVS | TBVS | 2PHS                           | HU  | BVS | TBVS | 2PHS                           | HU  | BVS | TBVS | 2PHS                           | HU  | BVS | TBVS |
| 4mm Toughened            | 49                             | 50  | 49  | 47   | 51*                            | 51  | 51  | 48   | 48*                            | 48* | 47* | 46*  | 51*                            | 50* | 50* | 47*  |
| 6mm Toughened            | 50                             | 51* | 51* | 47*  | 51*                            | 51* | 51* | 48*  | 49*                            | 49* | 48* | 46*  | 51*                            | 50* | 50* | 47*  |
| 6.4mm Acoustic Laminate  | 51                             | 52  | 53  | 48   | 52*                            | 53* | 53* | 50   | 50*                            | 50* | 49* | 47*  | 52                             | 51* | 52* | 48*  |
| 8.8mm Acoustic Laminate  | NA                             | 52* | NA  | 48*  | NA                             | 53* | NA  | 49   | NA                             | 50* | NA  | 47*  | NA                             | 51* | NA  | 48*  |
| 10.8mm Acoustic Laminate | NA                             | 53* | NA  | NA   | NA                             | 54  | NA  | NA   | NA                             | 51* | NA  | NA   | NA                             | 52* | NA  | NA   |
| 4/12/6.4mm Sealed Unit   | NA                             | 53* | NA  | NA   | NA                             | 53  | NA  | NA   | NA                             | 51* | NA  | NA   | NA                             | 52* | NA  | NA   |



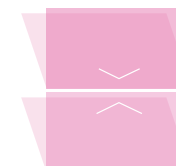
**2PHS**



**HU**



**BVS**



**TBVS**

Granada Secondary Glazed windows have been tested at Chiltern Dynamics in accordance with BS EN ISO 10140-2: 'Laboratory measurement of airborne sound insulation of building elements'. The table shows results for secondary windows set at a 200mm and 150mm cavity with 4mm or 6mm float glass in the primary window. Chiltern's Dynamics lab is UKAS Accredited No.1762

\* Sound reduction figures predicted by Chiltern Dynamics using the basis of actual laboratory test results. Sound Reduction (Rw) measured in dB