

DIN EN 12758:2011-04 (E)

Glass in building - Glazing and airborne sound insulation - Product descriptions and determination of properties

Contents	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions and symbols	6
3.1 Terms and definitions	6
3.2 Symbols	7
4 Glass products	7
4.1 Basic glasses	7
4.2 Special basic glasses	8
4.3 Processed glasses	8
4.3.1 Strengthened glasses	8
4.3.2 Thermally toughened safety glasses	8
4.3.3 Laminated glasses	8
4.3.4 Coated glasses	9
4.3.5 Insulating glass units (IGU)	9
5 Test methods	9
5.1 General	9
5.2 Reference curves	10
5.2.1 General	10
5.2.2 Reference IGU 6(16)6	10
5.2.3 Reference IGU 10 (16) 44-2 laminated glass with acoustic interlayer S	10
5.2.4 Maximum standard deviation of repeatability	11
5.3 Extension rules	12
5.3.1 General	12
5.3.2 Basic and special basic glasses	12
5.3.3 Laminated/laminated safety glass	13
5.3.4 Coated glasses	13
5.3.5 Insulating glass units	13
6 Sound insulation rating and classification	13
6.1 Sound insulation rating	13
6.2 Statement of acoustic performance of glass	13
6.3 Specification of glazing requirements	14
7 Typical performance data	14
Annex A (normative) Description of Reference Insulating Glass Units	16
Annex B (informative) Glazing recommendations	18
Bibliography	19