

DIN EN 12758:2023-07 (E)

Glass in building - Glazing and airborne sound insulation - Product descriptions, determination of properties and extension rules (includes Amendment :2023)

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	6
4	Symbols	7
5	Glass products	7
5.1	Basic glasses	7
5.2	Special basic glasses	8
5.3	Processed glasses	8
5.3.1	Strengthened glasses	8
5.3.2	Thermally toughened safety glasses	8
5.3.3	Laminated glasses	8
5.3.4	Coated glasses	9
5.3.5	Insulating glass units (IGU)	9
5.3.6	Mirrors, painted glass, filmed glass, acid etched glass and sand blasted glass	9
6	Test methods	9
7	Sound insulation rating and classification	9
7.1	Sound insulation rating	9
7.2	Statement of acoustic performance of glass	9
7.3	Specification of glazing requirements	10
8	Extension rules	10
8.1	General	10
8.2	Basic and special basic glasses	10
8.3	Surface treatments and coatings	10
8.4	Laminated glass/laminated safety glass	11
8.4.1	All types of laminated glass	11
8.4.2	Laminated glass with acoustic PVB	11
8.4.3	Laminated glass with non-acoustic PVB	11
8.5	Insulating glass units	11
8.6	Mirrors, painted glass, enamelled glass and filmed glass	12
9	Typical performance data	12
Annex A (informative) Characterization of acoustic PVB interlayers		16