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EN 572-8/9

Basic Soda lime silicate glass products, intended to be used in buildings and construction activities

| Characteristics | Float glass 3,4,5,6,8,10,12,15,19 | Polished wired glass 6,10 | Drawn sheet glass 4,5 | Patterned glass 3,4,6,8,10 | Wired patterned glass 6,10 |
|--|--|------------------------------|--------------------------|-------------------------------|-------------------------------|
| Resistance to fire | NPD | NPD | NPD | NPD | NPD |
| Reaction to fire | A1 | A1 | A1 | A1 | A1 |
| External fire performance | NPD | NPD | NPD | NPD | NPD |
| Bullet resistance | NPD | NPD | NPD | NPD | NPD |
| Explosion resistance | NPD | NPD | NPD | NPD | NPD |
| Burglar resistance | NPD | NPD | NPD | NPD | NPD |
| Pendulum Body impact resistance | NPD | NPD | NPD | NPD | NPD |
| Resistance against sudden temperature changes and temperature differentials | 40 K | 40 K | 40 K | 40 K | 40 K |
| Wind, snow, permanent and imposed load resistance | 3,4,5,6,8,10,12,15,19 | 6,10 | 4,5 | 3,4,6,8,10 | 6,10 |
| Direct airborne sound insulation (EN 12758) Rw (C,Ctr) | 3 mm (29(-2,-5) - 8 mm (32(-1,-2) 4 mm (30(-2,-4) - 10 mm (34(-2,-3) 5 mm (30(-1,-2) - 12 mm (35(-2,-3) 6 mm (31(-2,-3) | NPD | NPD | NPD | NPD |
| Thermal properties (W/m²K) U-value (EN 673) | 3 mm (5,8) - 6 mm (5,7) - 12 mm (5,5) 4 mm (5,8) - 8 mm (5,6) 5 mm (5,7) - 10 mm (5,6) | NPD | NPD | NPD | NPD |
| Radiation properties, light transmission and reflection (EN 410) (τv / ρv / ρ'v) | 4 mm (90/8/8) - 10 mm (87/8/8) 5 mm (89/8/8) - 12 mm (86/8/8) 6 mm (89/8/8) 8 mm (88/8/8) | NPD | NPD | NPD | NPD |
| Radiation properties, solar characteristics (EN 410) (τe / ρe / ρ'e) | 4 mm (84/8/8) - 10 mm (75/7/7) 5 mm (83/7/7) - 12 mm (72/7/7) 6 mm (81/7/7) 8 mm (78/7/7) | NPD | NPD | NPD | NPD |