

# CONTRAFLAM LITE 30 Climatop

Fire resistant safety glass for exterior application

## CLASSIFICATION



### EW = Radiation reduction

Ability to withstand fire exposure without transmission of fire to the non-fire side as a result of the passage of flames or hot gases, thereby causing ignition of the non-fire exposed surface or materials adjacent. Also maintains radiated heat in front of the glazing below a specified level to provide for safer separation distances and escape ways.

## AVAILABLE OPTIONS



- + Alarm
- + EMS shielding
- + Floors
- + Protection



- + Coloring
- + Digital printing
- + Matt finished
- + Screen printing
- + Shapes



- + Climate control
- + Extra clear
- + Noise control



- + Double glazing
- + Self-cleaning
- + Solar control
- + Tinting
- + Triple glazing

Contact us to personalize your solution to meet your project requirements.

## TECHNICAL SPECIFICATIONS

### Fire resistance

### EW 30 (EN 13501-2)

|   |   |
|---|---|
| Reaction to fire                        | B-s1, d0 (EN 13501-1)   |
| Impact resistance                       | 1(C)2/1(B)1 (EN 12600)  |
| UV stability / Durability               | Extended exposure time of 5000 hrs UV versus normative 2000 hrs* (*EN ISO 12543-4)                  |
| Application conditions                  | Avoid prolonged exposure to elevated temperatures. See Vetrotech Quality and Application Guidelines |
| Certificate of constancy of performance | 0336-CPR-5064D - AVCP System 1  |
| Hazardous material contained            | None  |
| Dimensional tolerances (width/height)   | ≤1000 mm: -1/+3.5 mm   ≤2000 mm: -1/+4 mm   >2000 mm: -1/+4.5 mm                                    |

| Product / CE / DoP-Code                | ZZ002710               | ZZ002711               | ZZ002567               | ZZ002568               |
|--|------------------------|------------------------|------------------------|------------------------|
| Nominal thickness                      | 49 mm                  | 45 mm                  | 49 mm                  | 45 mm                  |
| Maximum glass size                     | 1500 x 3000 mm         | 1500 x 3000 mm         | 1500 x 3000 mm         | 1500 x 3000 mm         |
| Thickness tolerance                    | +3,5 / -2,5 mm         | +3,5 / -2,5 mm         | +3,5 / -2,5 mm         | +3,5 / -2,5 mm         |
| Weight                                 | 59.5 kg/m <sup>2</sup> | 59.5 kg/m <sup>2</sup> | 59.5 kg/m <sup>2</sup> | 59.5 kg/m <sup>2</sup> |
| Glass 1 & 2 (exterior)                 | SEC PLTOII 6mm         | SEC PLTOII 6mm         | SEC PLTXNII 6MM        | SEC PLTXNII 6MM        |
| Spacer 1 & 2                           | 12 mm, Argon           | 10 mm, Krypton         | 12 mm, Argon           | 10 mm, Krypton         |
| Glass 3                                | CFL30 55               | CFL30 55               | CFL30 55               | CFL30 55               |
| Sound reduction Rw (EN 140-3)          | 38 (-1, -4) dB         | 38 (-2, -5) dB         | 38 (-1, -4) dB         | 38 (-2, -5) dB         |
| Light transmission (EN 410)            | 56%                    | 56%                    | 71%                    | 71%                    |
| Light reflection pL ext./int. (EN 410) | 32% / 31%              | 32% / 31%              | 15% / 14%              | 15% / 14%              |
| U value, W/m <sup>2</sup> K (EN 673)   | 0.7                    | 0.5                    | 0.7                    | 0.6                    |
| g value (EN 410)                       | 0.37                   | 0.37                   | 0.51                   | 0.51                   |
| Energy transmission tE (EN 410)        | 31%                    | 31%                    | 42%                    | 42%                    |

Products with PVB laminated interlayers are available, if required by projects or national regulation.  
Shapes: dimensional tolerances may vary +1 mm.  
DoP: Declaration of Performance - available upon request from your sales office.