

Saint-Gobain Building Glass Europe

Tour Saint-Gobain 12 place de l'Iris 92400 Courbevoie France

EN 1096-4 - Coated glass
intended to be used in buildings and construction works

COOL-LITE ST136 6 mm
M102711

NB: 0336, 0497, 0679, 0757, 0809, 1004, 1116, 1136, 1154, 1174, 1234, 1322, 1694, 1717, 1750,
1751

| ESSENTIAL CHARACTERISTICS | AVCP SYSTEMS | PERFORMANCES |
|---|--------------|--------------|
| For uses relating to safety in case of fire: | | |
| Resistance to fire | 1 | NPD |
| Reaction to fire | 3,4 | A1 |
| External fire performance | 3,4 | NPD |
| For uses as anti-bullet or anti-explosion glazing | | |
| Bullet resistance | 1 | NPD |
| Explosion resistance | 1 | NPD |
| For uses liable to present "safety-in-use" risks and subject to such regulations | | |
| Burglar resistance | 3 | NPD |
| Pendulum body impact resistance | 3 | NPD |
| Resistance against sudden temperature changes and temperature differentials (K) | 4 | 40 |
| Wind, snow, permanent and imposed load resistance (N/mm ²) | 4 | 45 |
| For uses relating to noise reduction | | |
| Direct airborne sound insulation (dB) | 3 | 32(-1;-2) |
| For uses relating to energy conservation | | |
| Emissivity ϵ_s | 3 | 0.80 |
| U-value (W/(m ² .K)) | 3 | NPD |
| Light transmittance τ_v | 3 | 0.37 |
| Light reflectance ρ_v/ρ'_v | 3 | 0.22/0.18 |
| Solar direct transmittance τ_s | 3 | 0.33 |
| Solar direct reflectance | 3 | 0.18/0.21 |
| g-value | 3 | 0.44 |
| Durability | 3 | B |
| F2=COOL-LITE ST136 NPD : No Performance Determined | | |

The performance of the product is in conformity with the declared performances.
This declaration of performance is issued under the sole responsibility of the manufacturer.
Signed for and on behalf of the manufacturer by:

Fabrice Desmons
International Product Strategy Director Building Glass

03/10/2022
Courbevoie - France

