

DECLARATION OF PERFORMANCE No. 10304191113

Unique identification code of the product-type:

103

Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Modulit 511 LP - 50 mm

Intended uses:

For internal and external roofs, walls and ceilings

Manufacturer:

**Stabilit Suisse SA
Registered Office & Factory
Via Lische 11/13 - P.O. Box 702
6855 - Stabio - Switzerland**

System AVCP:

System 3

Harmonised standard:

EN 16153:2013+A1:2015

Notified body:

NB 1168 (AFITI-LICOF)

Declared performances:

| Essential characteristics | Performance |
|---------------------------------|--|
| Visual appearance | Pass |
| Dimensional tolerances | Pass |
| External fire performance | FROOF (NPD) |
| Reaction to fire | B, s1, d0 |
| Resistance to fire | NPD |
| Water vapour permeability | $3,8 \times 10^{-5} \text{ mg/m x h x Pa}$ |
| Water/air permeability | Pass |
| Release of dangerous substances | NPD |

| | |
|--|---|
| Shatter properties (safe breakability) as: Small hard body impact resistance | Pass |
| Large soft body impact resistance (assembly) | NPD |
| Mechanical resistance (deformation behaviour) | NPD |
| Thermal transmittance | $U = 0.91 \text{ W/m}^2\text{K}$ |
| Light transmittance | $\tau_v = 41\%$ (Clear) |
| Total solar energy transmittance | $g = 50\%$ (Clear) $\tau_e = 42\%$ (Clear) |
| Resistance to fixings | Method of fixing (see technical handbook) Metodo di fissaggio (vedi manuale tecnico) |
| Linear thermal expansion | $65 \times 10^{-6} \text{ K}^{-1}$ |
| Durability, as variation (after ageing) of the light transmission | Clear Δ_A Other colours Δ_D |
| Durability, as variation (after ageing) of the yellowness index | Clear Δ_A Other colours Δ_D |
| Durability, as variation (after ageing) of tensile strength | Ku 1 |
| Durability, as variation (after ageing) on flexural modulus | Cu 1 |
| Direct airborne sound insulation | NPD |

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Matteo Borsani
Product manager

At Stabio (Switzerland) on 12.10.2020