

DECLARATION OF PERFORMANCE No. 10503180713

Unique identification code of the product-type:

105

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

Macrolux Multiwall 4W 8 mm - 1500

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 0497 (CSI SPA)

Declared performances:

Essential characteristics	Performance
Visual appearance	Pass
Dimensional tolerances	Pass
External fire performance	F _{ROOF} (NPD)
Reaction to fire	B, s1, d0
Resistance to fire	NPD
Water vapour permeability	3,8 x 10 ⁻⁵ 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)	$B_x = 27.3 \text{ Nm}^2/\text{m}$ $B_y = 20.6 \text{ Nm}^2/\text{m}$ $S_y = 1931 \text{ N/m}$ $M_b = 14.9 \text{ Nm/m}$
Thermal transmittance	NPD
Light transmittance	NPD
Total solar energy transmittance	NPD
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 10.11.2022

Stabilit Suisse S.A.
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A handwritten signature in black ink, appearing to be "V. F. S. 2022", written over the printed text of the address block.

