

DECLARATION OF PERFORMANCE No. 24405221110

Unique identification code of the product-type:

244

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

Macrolux Multiwall 5X 16 mm - 2500

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	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)	NPD
Thermal transmittance	$U = 2,0 \text{ W/m}^2\text{K}$
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

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