Stabilit Suisse S.A. Via Lische 11/13 P.O. Box 702 - 6855 Stabio (CH) P. Iva CHE-101.684.884



## 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 x 10-5 mg/m x h x Pa
Water/air permeability	Pass
Release of dangerous substances	NPD



Large soft body impact resistance (assembly)NPDMechanical resistance (deformation behaviour)NPDThermal transmittance $U = 0.91 \text{ W/m}^2 \text{K}$ Light transmittance $T_v = 41\%$ (Clear)Total solar energy transmittance $g = 50\%$ (Clear)Resistance to fixingsMethod of fixing (see technical handbook)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 transmissionClear $\Delta A$ Other colours $\Delta D$ Durability, as variation (after ageing) of tensile strengthKu 1Durability, as variation (after ageing) on flexural modulusCu 1Direct airborne sound insulationNPD	Shatter properties (safe breakability) as: Small hard body impact resistance	Pass
Thermal transmittance $U = 0.91 \text{ W/m}^2\text{K}$ Light transmittance $\mathcal{T}_v = 41\%$ (Clear)  Total solar energy transmittance $g = 50\%$ (Clear) $\mathcal{T}_e = 42\%$ (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 $\Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of tensile strength $\Delta_D$ Durability, as variation (after ageing) on flexural modulus $\Delta_D$	Large soft body impact resistance (assembly)	NPD
Light transmittance $T_v = 41\%$ (Clear)Total solar energy transmittance $g = 50\%$ (Clear) $T_c = 42\%$ (Clear)Resistance to fixingsMethod of fixing (see technical handbook)Method of fixing (see technical handbook)Method of fixing (see technical handbook)Linear thermal expansion $65 \times 10^{-6} \text{ K-1}$ Durability, as variation (after ageing) of the light transmissionClear $\Delta A$ Other colours $\Delta D$ Durability, as variation (after ageing) of the yellowness indexClear $\Delta A$ Other colours $\Delta D$ Durability, as variation (after ageing) of tensile strengthKu 1Durability, as variation (after ageing) on flexural modulusCu 1	Mechanical resistance (deformation behaviour)	NPD
Total solar energy transmittance $g = 50\%$ (Clear) $T_e = 42\%$ (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 $Clear \Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of the yellowness index $Clear \Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of tensile strength $Clear \Delta_A$ Other colours $Clear \Delta_A$	Thermal transmittance	$U = 0.91 \text{ W/m}^2 \text{K}$
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 $\Delta A$ Other colours $\Delta D$ Durability, as variation (after ageing) of the yellowness index  Clear $\Delta A$ Other colours $\Delta D$ Durability, as variation (after ageing) of tensile strength  Ku 1  Durability, as variation (after ageing) on flexural modulus  Cu 1	Light transmittance	$T_v = 41\%$ (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 $\Delta$ A  Other colours $\Delta$ D  Durability, as variation (after ageing) of the yellowness index  Clear $\Delta$ A  Other colours $\Delta$ D  Durability, as variation (after ageing) of tensile strength  Ku 1  Durability, as variation (after ageing) on flexural modulus  Cu 1	Total solar energy transmittance	g = 50% (Clear)
handbook)  Metodo di fissaggio (vedi manuale tecnico)  Linear thermal expansion $65 \times 10\text{-}6 \text{ K-}1$ Durability, as variation (after ageing) of the light transmission $\Delta_D$ Other colours $\Delta_D$ Durability, as variation (after ageing) of the yellowness index $\Delta_D$ Other colours $\Delta_D$ Durability, as variation (after ageing) of tensile strength $\Delta_D$ Durability, as variation (after ageing) on flexural modulus $\Delta_D$		$T_e = 42\%$ (Clear)
Linear thermal expansion 65 x 10-6 K-1  Durability, as variation (after ageing) of the light transmission Clear $\Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of the yellowness index Clear $\Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of tensile strength Ku 1  Durability, as variation (after ageing) on flexural modulus Cu 1	Resistance to fixings	<u> </u>
Durability, as variation (after ageing) of the light transmission  Clear $\Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of the yellowness index  Clear $\Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of tensile strength  Ku 1  Durability, as variation (after ageing) on flexural modulus  Cu 1		
Other colours $\Delta_D$ Durability, as variation (after ageing) of the yellowness index  Clear $\Delta_A$ Other colours $\Delta_D$ Durability, as variation (after ageing) of tensile strength  Ku 1  Durability, as variation (after ageing) on flexural modulus  Cu 1	Linear thermal expansion	65 x 10-6 K-1
Durability, as variation (after ageing) of the yellowness index $Clear \Delta A$ Other colours $\Delta D$ Durability, as variation (after ageing) of tensile strength $Ku 1$ Durability, as variation (after ageing) on flexural modulus $Cu 1$	Durability, as variation (after ageing) of the light transmission	Clear $\Delta_{A}$
Other colours $\Delta_D$ Durability, as variation (after ageing) of tensile strength Ku 1  Durability, as variation (after ageing) on flexural modulus Cu 1		Other colours $\Delta_{ extsf{D}}$
Durability, as variation (after ageing) of tensile strength  Ku 1  Durability, as variation (after ageing) on flexural modulus  Cu 1	Durability, as variation (after ageing) of the yellowness index	Clear $\Delta_{A}$
Durability, as variation (after ageing) on flexural modulus  Cu 1		Other colours $\Delta_{D}$
	Durability, as variation (after ageing) of tensile strength	Ku 1
Direct airborne sound insulation NPD	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

Stabilit Suisse SA
Via Lische 1/13 - P.O. Box 702
6855 | Stabio - Switzerland
P.IV CHE-104-684,884