

UV resistance Declaration for JSL FUSION Waterproof boxes for electrical and telecommunications installations

JSL Material Eléctrico SA , declares that all the range of FUSION Waterproof boxes for electrical and telecommunications installations, complies with the applicable Standards and JSL warranty for the product. This guarantee covers all the functions that depend on the regulatory requirements of mechanical and electrical resistance and functionality, specified in :

EN 60670-22:2006 + A1:2024 + A11:2024; EN IEC 60670-1:2021 + A11:2021

and in particular resulting of the process of solar exposure, weather and the Ozone oxidative process according Standard ISO 4282-2.

Samples of FUSION boxes (Halogen Free polymers (LH)) , were exposed to Ultra Violet light in accordance with **Standard UL 746C** (exposure Xenon lamp in UV chamber) in conditioned atmosphere simulating direct exposure to sunlight for more than **700 hours**. The samples were tested before and after this exposure in the UV chamber for the following requirements : Box construction Requirements (Clauses 12.1, 12.2, 12.5 and 12.6), Protection against the ingress of solid objects and liquids (Clauses 13.2 and 13.3) and mechanical strength (Clauses 15.1, 15.2, 15.3, 15.4 and 15.5).

All the samples were considered compliant and suitable for interior and exterior installation of buildings, fully passing the requirements of the EN 60670-22:2006 + A1:2024 + A11:2024; EN IEC 60670-1:2021 + A11:2021 standards applicable to this products.

JSL still declares that the products described have been designed and manufactured in accordance with the European Environmental Law, namely the Directives: RoHS Directive 2011/65 / EU, REACH Directive EC Regulation 1907/2006, further complying with the stipulations of the Environmental Directive. Low Voltage 2014/35 / EU

Queluz de Baixo, April 24 of 2026

The Administration

JSL - Material Eléctrico S.A.
Administração

