

Declaration of Performance

Nº: TCRS-TS-03

According Annex III of the Regulation (UE) N° 305/2011 SIB0000119

Edition 09.05.2014

- 1 Unique identification code of the product-type:**
TECSEL® INTUMESCENT MASTIC PLUS

- 2 Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**
Batch number: see packaging of the product.

- 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**
EN 15651-1:2012 Type F-EXT-INT-CC Class 25LM
Non-structural facade sealant intended for sealing exterior wall joints, window and door perimeter joints in building construction, including the interior face (intended for use in cold climates).

EN 15651-2:2012 Type G-CC Class 25LM
Non-structural elastic sealant used for sealing glazing in building construction applications (intended for use in cold climates).

- 4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):**
TECRESA PROTECCIÓN PASIVA, S.L.
Parque Leganés Tecnológico LEGATEC
C/ Margarita Salas, 6 – 28918 Leganés (Madrid) - Spain

- 5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):**

- 6 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**
System 3 for type of testing.
System 3 for the reaction to fire.

- 7 In case of the declaration of performance concerning a construction product covered by a harmonised standard:**
The notified body SKZ-TeConA GmbH, identification number NB01213, performed the determination of the product-type on the basis of type testing under system 3 and issued: a test report.

8 In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant.

9 Declared performance:

EN 15651-1:2012 Type F-EXT-INT-CC

Conditioning: method A.

Substrate: glass, anodised aluminium without primer

Essential characteristics	Performance	Test standard	Harmonised technical specification
Reaction to fire	Class E	EN 13501-1:2007+A1	EN 15651-1:2012
Release of chemicals dangerous to the environment and health	See product safety data sheet	EN 15651-1:2012;4.5	EN 15651-1:2012
Water tightness and air tightness:			
Resistance to flow	≤ 3 mm	Modified EN ISO 7390	EN 15651-1:2012
Loss of volume	≤ 10 %	EN ISO 10563	EN 15651-1:2012
Tensile properties (i.e. elongation): - after immersion in water at (23 °C)	NPD	EN ISO 10591	EN 15651-1:2012
Tensile properties (i.e. elongation): -at maintained extension after water immersion	NF	EN ISO 10590	EN 15651-1:2012
Tensile properties (i.e. secant modulus): -for non-structural low modulus sealants used in joints in cold climate areas (-30°C)	≤ 0,9 Mpa	Modified EN ISO 8339	EN 15651-1:2012
Tensile properties (i.e. at maintained extension): -for non-structural sealants used in joints in cold climate areas (-30°C)	NF	Modified EN ISO 8340	EN 15651-1:2012
Durability	Pass	EN ISO 8339, EN ISO 8340, EN ISO 9047, EN ISO 10590	EN 15651-1:2012

EN 15651-2:2012 Type G-CC

Conditioning: method A.

Substrate: glass, anodised aluminium without primer

Essential characteristics	Performance	Test standard	Harmonised technical specification
Reaction to fire	Class E	EN 13501-1:2007+A1	EN 15651-2:2012
Release of chemicals dangerous to the environment and health	See product safety data sheet	EN 15651-1:2012;4.5	EN 15651-2:2012
Water tightness and air tightness:			
Loss of volume	$\leq 10 \%$	EN ISO 10563	EN 15651-2:2012
Vertical flow resistance	$\leq 3 \text{ mm}$	Modified EN ISO 7390	EN 15651-2:2012
Adhesion/cohesion properties after exposure to heat water and artificial light	NF	EN ISO 11431	EN 15651-2:2012
Elastic recovery	$\geq 60 \%$ at ≥ 60 elongation	EN ISO 7389	EN 15651-2:2012
Tensile properties (i.e. secant modulus): -for non-structural low modulus sealants used in joints in cold climate areas (-30°C)	$\leq 0,9 \text{ Mpa}$	Modified EN ISO 8339	EN 15651-2:2012
Tensile properties (i.e. at maintained extension): -for non-structural sealants used in joints in cold climate areas (-30°C)	NF	Modified EN ISO 8340	EN 15651-2:2012
Durability	Pass	EN ISO 8339, EN ISO 8340, EN ISO 9047, EN ISO 10590	EN 15651-2:2012

10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

Signed for and on behalf of the manufacturer by:



Victor Rodríguez.
Technical Manager
09.05.2014, Madrid

Annex: According to Art. 6 (5) of the Regulation (EU) No. 305/2011 a Safety Data sheet according Regulation (EU) No. 1907/2006 (REACH), Annex II is annexed to this Declaration of Performance.