Declaration of Performance

In accordance with the CPR Regulation (EU) N° 305/2011

Soudal SMX 506

Reference nr DOP: 230068

Unique identification code of the product type:

Soudal SMX 506

Intended use or uses of the construction product:

Sealant used for sealing glazing applications.

Construction product in accordance with applicable harmonised specifications:

EN 15651-2:2012: Type G: CLASS 25LM

System or systems of assesment and verification of consistancy of performance of the construction product, as set out in Annex V:

System 3: for essential characteristics
System 3: for reaction to fire

Name and contact address of the manufacturer as required pursuant to Article 11(5):

Soudal NV, Everdongenlaan 18-20, 2300 Turnhout, Belgium

The notified body:

IFT Rosenheim GmbH, NB 0757 has carried out Determination of the Product Type under system 3.

SOUDAL

Declaration of Performance

In accordance with the CPR Regulation (EU) N° 305/2011

Soudal SMX 506

Declared Performance: EN 15651-2:2012

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	Class E	EN 15651-2:2012
Release dangerous chemicals	NPD	
Water and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	≤ 10%	
Elastic recovery	≥ 60%	
Secant modulus at 23°C (N/mm²)	≤ 0.4	
Secant modulus at -20°C (N/mm²)	≤ 0.6	
Secant modulus at -30°C (N/mm²)	NPD	
Tensile properties at maintained extension at -30°C	NPD	
Tensile properties at maintained extension	NF	
Adhesion/cohesion at variable temperatures	NF	
Adhesion/cohesion at maintained extension after water immersion	NF	
Adhesion/cohesion after exposure to heat, water and artificial light	NF	
Resistance to compression (N/mm²)	0.3	
Durability	Pass	

Conditioning:
Method B
Test substrate:
Aluminium
Glass

The performance of this product is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for on behalf of the manufacturer by

Ing. W. Dierckx

Technical Product Manager
BE-2300 Turnhout, 23/04/2016

CE marking

In accordance with the CPR Regulation (EU) N° 305/2011

CE

NB 0757

Soudal NV, Everdongenlaan 18-20, 2300 Turnhout, Belgium

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Reference nr DOP: 230068

EN 15651-2: 2012

Sealant used for sealing glazing applications.

Soudal SMX 506

EN 15651-2:2012: Type G: CLASS 25LM

Conditioning:
Method B
Substrate:
Glass

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	Class E	EN 15651-2: 2012
Release dangerous chemicals	NPD	
Water and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	≤ 10%	
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Tensile properties at maintained extension	NF	
Tensile properties at maintained extension at -30°C	NPD	
Adhesion/cohesion at variable temperatures	NF	
Adhesion/cohesion at maintained extension after water immersion	NF	
Adhesion/cohesion after exposure to heat, water and artificial light	NF	
Resistance to compression (N/mm²)	0.3	
Durability	Pass	