

## **Declaration of Performance**

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

# Soudal Soudaflex 20LM

Revision: 26/04/2016

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Unique identification code of the product type: Soudal Soudaflex 20LM

Intended use or uses of the construction product:

Sealant for facade for interior and exterior application. Sealant used for pedestrian walkways for interior application.

Construction product in accordance with applicable harmonised specifications: EN 15651-1:2012: Type F - EXT-INT: CLASS 25LM EN 15651-4:2012: Type PW-INT

System or systems of assessment 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:

GINGER CEBTP, NB 0074 has carried out Determination of Product Type under system 3.



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#### Declared Performance: EN 15651-1:2012

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	Class E	
Release dangerous chemicals	NPD	
Water and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	≤ 10%	
Elastic recovery	≥ 70%	
Secant modulus at 23°C (N/mm <sup>2</sup> )	≤ 0.4	
Secant modulus at -20°C (N/mm <sup>2</sup> )	≤ 0.6	EN 15651-1:2012
Secant modulus at -30°C (N/mm <sup>2</sup> )	NPD	
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	
Elongation at break	≥ 25%	
Durability	Pass	

### Conditioning:

Method A Test substrate:

Aluminium Mortar

#### Declared Performance: EN 15651-4:2012

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	Class E	EN 15651-4:2012
Release dangerous chemicals	NPD	
Water and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	≤ 10%	
Elastic recovery	≥ 70%	
Secant modulus at 23°C (N/mm <sup>2</sup> )	≤ 0.4	
Secant modulus at -20°C (N/mm <sup>2</sup> )	≤ 0.6	
Secant modulus at -30°C (N/mm <sup>2</sup> )	NPD	-
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	
Tear resistance	NF	
Durability	Pass	



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Conditioning: Method A Test substrate: Mortar

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

finchalo

Ing. W. Dierckx

Technical Product Manager BE-2300 Turnhout, 26/04/2016



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

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CE		
NB 0074		
Soudal NV, Everdongenlaan 18-20, 230	00 Turnhout, Bel	gium
14		
Reference nr DOP: 2308	366	
EN 15651-1: 2012 EN 15651-4: 2012 Sealant for facade for interior and ext Sealant used for pedestrian walkways for		on.
Soudal Soudaflex 20L	Μ	
EN 15651-1:2012: Type F - EXT-INT EN 15651-4:2012: Type P\		
Conditioning: Method A Substrate: Aluminium Mortar		
Essential Characteristics	Performance	Harmonised
		Technical Specification
Reaction to fire	Class E	Technical Specification
Reaction to fire Release dangerous chemicals	Class E NPD	
Release dangerous chemicals		
Release dangerous chemicals Water and air tightness	NPD	
Release dangerous chemicals Water and air tightness Resistance to flow	NPD ≤ 3 mm	
Release dangerous chemicals Water and air tightness Resistance to flow Loss of volume	NPD ≤ 3 mm ≤ 10%	
Release dangerous chemicals Water and air tightness Resistance to flow Loss of volume Elastic recovery	NPD ≤ 3 mm ≤ 10% ≥ 70%	
Release dangerous chemicals     Water and air tightness     Resistance to flow     Loss of volume     Elastic recovery     Secant modulus at 23°C (N/mm²)	NPD   ≤ 3 mm   ≤ 10%   ≥ 70%   ≤ 0.4	Specification
Release dangerous chemicals Water and air tightness Resistance to flow Loss of volume Elastic recovery Secant modulus at 23°C (N/mm <sup>2</sup> ) Secant modulus at -20°C (N/mm <sup>2</sup> )	NPD     ≤ 3 mm     ≤ 10%     ≥ 70%     ≤ 0.4     ≤ 0.6	Specification EN 15651-1: 2012
Release dangerous chemicals     Water and air tightness     Resistance to flow     Loss of volume     Elastic recovery     Secant modulus at 23°C (N/mm²)     Secant modulus at -20°C (N/mm²)     Secant modulus at -30°C (N/mm²)	NPD     ≤ 3 mm     ≤ 10%     ≥ 70%     ≤ 0.4     ≤ 0.6     NPD     NF     NPD	Specification EN 15651-1: 2012
Release dangerous chemicals     Water and air tightness     Resistance to flow     Loss of volume     Elastic recovery     Secant modulus at 23°C (N/mm²)     Secant modulus at -20°C (N/mm²)     Secant modulus at -30°C (N/mm²)     Tensile properties at maintained extension	NPD     ≤ 3 mm     ≤ 10%     ≥ 70%     ≤ 0.4     ≤ 0.6     NPD     NF	Specification EN 15651-1: 2012
Release dangerous chemicals     Water and air tightness     Resistance to flow     Loss of volume     Elastic recovery     Secant modulus at 23°C (N/mm²)     Secant modulus at -20°C (N/mm²)     Secant modulus at -30°C (N/mm²)     Tensile properties at maintained extension     Tensile properties at maintained extension at -30°C	NPD     ≤ 3 mm     ≤ 10%     ≥ 70%     ≤ 0.4     ≤ 0.6     NPD     NF     NPD	Specification EN 15651-1: 2012
Release dangerous chemicalsWater and air tightnessResistance to flowLoss of volumeElastic recoverySecant modulus at 23°C (N/mm²)Secant modulus at -20°C (N/mm²)Secant modulus at -30°C (N/mm²)Tensile properties at maintained extensionTensile properties at maintained extension at -30°CAdhesion/cohesion at variable temperatures	NPD     ≤ 3 mm     ≤ 10%     ≥ 70%     ≤ 0.4     ≤ 0.6     NPD     NF     NPD     NF     NF     NF     NF     NF     NF     NF     NF	Specification EN 15651-1: 2012
Release dangerous chemicalsWater and air tightnessResistance to flowLoss of volumeElastic recoverySecant modulus at 23°C (N/mm²)Secant modulus at -20°C (N/mm²)Secant modulus at -30°C (N/mm²)Tensile properties at maintained extensionTensile properties at maintained extension at -30°CAdhesion/cohesion at variable temperaturesAdhesion/cohesion at maintained extension after water immersion	NPD     ≤ 3 mm     ≤ 10%     ≥ 70%     ≤ 0.4     ≤ 0.6     NPD     NF     NPD     NF     NF     NF     NF     NF     NF     NF     NF     NF	Specification EN 15651-1: 2012