

Declaration of Performance

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

Soudal Soudaflex 45HM

Revision: 23/04/2016

Page 1 from 4

Reference nr DOP: 230066

Unique identification code of the product type:

Soudal Soudaflex 45HM

Intended use or uses of the construction product:

Sealant for facade for interior and exterior application.

Sealant used for pedestrian walkways for interior and exterior application.

Construction product in accordance with applicable harmonised specifications:

EN 15651-1:2012: Type F - EXT-INT: CLASS 25HM

EN 15651-4:2012: Type PW-EXT-INT: CLASS 25HM

System or systems of assessment and verification of consistency 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.

Declaration of Performance

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Soudal Soudaflex 45HM

Revision: 23/04/2016

Page 2 from 4

Declared Performance: EN 15651-1:2012

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	Class E	EN 15651-1:2012
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 ²)	> 0.4	
Secant modulus at -20°C (N/mm ²)	> 0.6	
Secant modulus at -30°C (N/mm ²)	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 ²)	> 0.4	
Secant modulus at -20°C (N/mm ²)	> 0.6	
Secant modulus at -30°C (N/mm ²)	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	
Adhesion/cohesion at maintained extension after 28 days water	NF	

Declaration of Performance

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

Soudal Soudaflex 45HM

Revision: 23/04/2016


Page 3 from 4

immersion		
Adhesion/cohesion at maintained extension after 28 days salt water immersion	NF	
Durability	Pass	

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



Ing. W. Dierckx

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

CE marking

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

Revision: 23/04/2016

Page 4 from 4



NB 0074

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

14

Reference nr DOP: 230066

EN 15651-1: 2012

EN 15651-4: 2012

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Sealant used for pedestrian walkways for interior and exterior application.

Soudal Soudaflex 45HM

EN 15651-1:2012: Type F - EXT-INT: CLASS 25HM

EN 15651-4:2012: Type PW-EXT-INT: CLASS 25HM

Conditioning:

Method A

Substrate:

Aluminium

Mortar

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	Class E	EN 15651-1: 2012 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 ²)	> 0.4	
Secant modulus at -20°C (N/mm ²)	> 0.6	
Secant modulus at -30°C (N/mm ²)	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	
Elongation at break	≥ 25%	
Adhesion/cohesion at maintained extension after 28 days water immersion	NF	
Adhesion/cohesion at maintained extension after 28 days salt water immersion	NF	
Durability	Pass	