

**DICHIARAZIONE DI PRESTAZIONE**

Secondo l'Allegato III del Reg. (EU) n°305/2011

**SILCOFLEX 590**

DOP CS0007-W-01(b)

**EN 15651-1: F-EXT-INT-CC**

Silicone sealant for facades, for interior and exterior application  
(intended for use in cold climates)

**EN 15651-2: G-CC**

Silicone sealant used for sealing glazing application  
(intended for use in cold climates)

**EN 15651-3: S**

Silicone sealant for joints in sanitary areas

**EN 15651-4: PW EXT-INT-CC**

Silicone sealant for movement joints in floor for interior and exterior application  
(intended for use in cold climates).

Address of manufacturer

**PIGAL S.p.A**  
**Via G. Rossa, 2 40053 Località Crespellano**  
**VALSAMOGGIA (BO) – ITALY**

Evaluation and verification of the construction product performance systems,  
according to Annex V:

System 3, System 3 for reaction to fire

The notified body **SKZ TeConA GmbH**, identification number **01213**, performed  
the determination of the product-type and fire behavior under System 3,  
in reference to EN 15651, releasing the following:

Report n° **105772/13-I, 105774/13-II, 105774/13-III, 105774/13-IV**

The performance of the product identified is in conformity with the declared  
performance (see below). This declaration of performance is issued under the  
sole responsibility of the manufacturer.

Valsamoggia, 24/03/2015

*Carlo Alberto GOLDONI*  
**Legal representative - PIGAL S.p.A.**



**DECLARED PERFORMANCE****EN 15651-1: F-EXT-INT-CC Class 25 LM**

Conditioning: Method A (ISO 8340)

Substrate: Glass and Aluminum (without primer).

<b>Essential characteristics</b>	<b>performance</b>	<b>Harmonized specification</b>
Reaction to fire (EN 13501)	Class E	
Release of chemical dangerous to the environment and health	See product safety data sheet	
Water tightness and air tightness		EN 15651-1: 2012
Resistance to flow (ISO 7390)	$\leq 2$ mm	
Loss of volume (ISO 10563)	$\leq 10$ %	
Tensile properties at maintained extension after immersion in water (ISO 10590)	No failure	
Secant tensile modulus at -30°C (ISO 8339)	$\leq 0,9$ MPa	
Tensile properties at maintained extension at -30°C (ISO 8340)	No failure	
Durability	No failure	

**EN 15651-2: G-CC Class 25 LM**

Conditioning: Method A (ISO 8340)

Substrate: Glass and Aluminum (without primer).

<b>Essential characteristics</b>	<b>performance</b>	<b>Harmonized specification</b>
Reaction to fire (EN 13501)	Class E	
Release of chemical dangerous to the environment and health	See product safety data sheet	
Water tightness and air tightness		EN 15651-1: 2012
Resistance to flow (ISO 7390)	$\leq 2$ mm	
Loss of volume (ISO 10563)	$\leq 10$ %	
Adhesion and cohesion properties after exposition to artificial light (ISO 11431)	No failure (Method B)	
Elastic recovery (ISO 7389)	$\geq 70$ %	
Secant tensile modulus at -30°C (ISO 8339)	$\leq 0,9$ MPa	
Tensile properties at maintained extension at -30°C (ISO 8340)	superata	
Durability	No failure	

**EN 15651-3: S Class XS1**

Conditioning: Method A (ISO 8340)

Substrate: Glass and Aluminum (without primer).

<b>Essential characteristics</b>	<b>performance</b>	<b>Harmonized specification</b>
Reaction to fire (EN 13501)	Class E	
Release of chemical dangerous to the environment and health	See product safety data sheet	
Water tightness and air tightness		EN 15651-1: 2012
Resistance to flow (ISO 7390)	$\leq 2$ mm	
Loss of volume (ISO 10563)	$\leq 10$ %	
Tensile properties at maintained extension after immersion in water (ISO 10590)	No failure	
Evaluation of action of microorganism (ISO 846)	1	
Durability	No failure	

**EN 15651-4: PW EXT-INT-CC Class 12,5 E**

Conditioning: Method A (ISO 8340)

Substrate: Concrete M1 with Primer 435.2

<b>Essential characteristics</b>	<b>performance</b>	<b>Harmonized specification</b>
Reaction to fire (EN 13501)	Class E	
Release of chemical dangerous to the environment and health	See product safety data sheet	
Water tightness and air tightness		EN 15651-1: 2012
Tensile properties at maintained extension at 23° and – 30°C (ISO 8340)	No failure	
Loss of volume (ISO 10563)	$\leq 10$ %	
Tear resistance (ISO 8340)	No failure	
Adhesion and cohesion properties at maintained extension after immersion in water (ISO 10590 - 28 d)	No failure change of secant modulus < 50%	
Adhesion and cohesion properties after immersion in salt water (ISO 10590 - 28 d)	No failure	
Secant tensile modulus at -30°C (ISO 8339)	$\leq 0,9$ MPa	
Durability	No failure	