

KK d. o. o.

Srpenica 1, 5224 Srpenica, Slovenija

T: +386 (0) 5 3841300

F: +386 (0) 5 3841390, 391

E: info@tkk.si

Declaration of Performance

Unique identification code of the product-type:



TEKAFLEX MS 15

Reference number: 9991649595

Revision: 01 26/06/2014

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

In accordance with the applicable harmonised technical specification:

EN 15651-1:2012 : Type F-EXT-INT-CC; 20LM

■ EN 15651-4:2012 : Type PW-INT; 20LM

Intended use or uses of the construction product:

- Sealant for façade for interior and exterior application, intended for use in cold climate.
- Sealant used for pedestrian walkways for interior application.

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

- System 3
- System 3: for reaction to fire

Name and contact address of the manufacturer as required pursuant to Article 11(5): TKK d.o.o., Srpenica 1, 5224 Srpenica

The notified body: ZAG, NB 1404 has carried out Determination of Product Type under system 3.



TKK d. o. o. Srpenica 1, 5224 Srpenica, Slovenija T: +386 (0) 5 3841300 F: +386 (0) 5 3841390, 391

E: info@tkk.si www.tkk.si

TIP F: EXT-INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Adhesion/cohesion at maintained extension after water immersion Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties at maintained extension Adhesion/cohesion at variable temperatures NF Durability TIP F: EXT-INT-CC Tensile properties at maintained extension TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Sol, MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion Tear resistance NF	Essential characteristics	Performance	Harmonised technical specification
Release of chemicals dangerous to the environment Water tightness and air tightness Resistance to flow Loss of Volume Adhesion/cohesion at maintained extension after water immersion Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension Adhesion/cohesion at variable temperatures NF Durability TIP F: EXT-INT-CC Tensile properties, secant modulus TIP PW: INT Reaction to fire Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Sol, 4 MPa EN 15651-4 EN 15651-4 EN 15651-4 EN 15651-4 EN 15651-4 EN 15651-4	TIP F: EXT-INT		
Water tightness and air tightness ≤ 3 mm Loss of Volume ≤ 10 % Adhesion/cohesion at maintained extension after water immersion NF Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Durability Pass TIP F: EXT-INT-CC Tensile properties, secant modulus ≤ 0,9 MPa Tensile properties, secant modulus ≤ 0,9 MPa TIP PW: INT Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at 20°C ≤ 0,6 MPa Tensile properties, at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	Reaction to fire	Class E	EN 15651-1
Water tightness and air tightness ≤ 3 mm Loss of Volume ≤ 10 % Adhesion/cohesion at maintained extension after water immersion NF Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Durability Pass TIP F: EXT-INT-CC Tensile properties, secant modulus ≤ 0,9 MPa Tensile properties, secant modulus ≤ 0,9 MPa TIP PW: INT Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at 20°C ≤ 0,6 MPa Tensile properties, at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	Release of chemicals dangerous to the environment	NPD	
Loss of Volume ≤ 10 % Adhesion/cohesion at maintained extension after water immersion NF Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Durability Pass TIP F: EXT-INT-CC Tensile properties, secant modulus ≤ 0,9 MPa Tensile properties at maintained extension NF TIP PW: INT Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness Samm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at 23°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at variable temperatures NF			
Adhesion/cohesion at maintained extension after water immersion Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C Second MPa Tensile properties, secant modulus at -20°C Second MPa Tensile properties at maintained extension Adhesion/cohesion at variable temperatures NF Durability TIP F: EXT-INT-CC Tensile properties, secant modulus Tensile properties at maintained extension NF TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Second MPa Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at 23°C Second MPa Tensile properties, secant modulus at -20°C Second MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion	Resistance to flow	≤ 3 mm	
immersion NF Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Durability Pass TIP F: EXT-INT-CC Tensile properties, secant modulus ≤ 0,9 MPa Tensile properties at maintained extension NF TIP PW: INT Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,6 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	Loss of Volume	≤ 10 %	
Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension Adhesion/cohesion at variable temperatures Durability TIP F: EXT-INT-CC Tensile properties, secant modulus TIP PW: INT Reaction to fire Reaction to fire Reaction to fire Reaction to flow Under tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties, secant modulus at -20°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion	,	NIE	
Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Durability Pass TIP F: EXT-INT-CC Tensile properties, secant modulus ≤ 0,9 MPa Tensile properties at maintained extension NF TIP PW: INT Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion			
Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Durability Pass TIP F: EXT-INT-CC Tensile properties, secant modulus ≤ 0,9 MPa Tensile properties at maintained extension NF TIP PW: INT Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion	,		
Tensile properties at maintained extension Adhesion/cohesion at variable temperatures Durability Pass TIP F: EXT-INT-CC Tensile properties, secant modulus Tensile properties at maintained extension NF TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion	· · ·		
Adhesion/cohesion at variable temperatures Durability TIP F: EXT-INT-CC Tensile properties, secant modulus Tensile properties at maintained extension NF TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at 20°C Tensile properties, secant modulus at 20°C Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF			
TIP F: EXT-INT-CC Tensile properties, secant modulus Tensile properties at maintained extension TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at 23°C Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF			
TIP F: EXT-INT-CC Tensile properties, secant modulus Tensile properties at maintained extension TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF	·		
Tensile properties, secant modulus Tensile properties at maintained extension TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF NF	Durability	Pass	
Tensile properties at maintained extension TIP PW: INT Reaction to fire Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF	TIP F: EXT-INT-CC		
TIP PW: INT Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness Resistance to flow Loss of Volume Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF NF	Tensile properties, secant modulus	≤ 0,9 MPa	
Reaction to fire Class E Release of chemicals dangerous to the environment NPD Water tightness and air tightness ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	Tensile properties at maintained extension	NF	
Release of chemicals dangerous to the environment NPD Water tightness and air tightness ≤ 3mm Resistance to flow ≤ 10 % Loss of Volume ≤ 60 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	TIP PW: INT		
Water tightness and air tightness Resistance to flow ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	Reaction to fire	Class E	EN 15651-4
Water tightness and air tightness Resistance to flow ≤ 3mm Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	Release of chemicals dangerous to the environment	NPD	
Loss of Volume ≤ 10 % Elastic recovery ≥ 60 % Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion NF	Water tightness and air tightness		
Elastic recovery Tensile properties, secant modulus at 23°C Tensile properties, secant modulus at -20°C Tensile properties, secant modulus at -20°C Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF	Resistance to flow	≤ 3mm	
Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion	Loss of Volume	≤ 10 %	
Tensile properties, secant modulus at 23°C ≤ 0,4 MPa Tensile properties, secant modulus at -20°C ≤ 0,6 MPa Tensile properties at maintained extension NF Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion	Elastic recovery	≥ 60 %	
Tensile properties at maintained extension Adhesion/cohesion at variable temperatures Adhesion/cohesion at maintained extension after water immersion NF NF	Tensile properties, secant modulus at 23°C	≤ 0,4 MPa	
Adhesion/cohesion at variable temperatures NF Adhesion/cohesion at maintained extension after water immersion	Tensile properties, secant modulus at -20°C	≤ 0,6 MPa	
Adhesion/cohesion at maintained extension after water immersion	Tensile properties at maintained extension	NF	
immersion	Adhesion/cohesion at variable temperatures	NF	
		NF	
		NF	
Durability Pass			



TKK d. o. o.

Srpenica 1, 5224 Srpenica, Slovenija

T: +386 (0) 5 3841300 F: +386 (0) 5 3841390, 391

E: info@tkk.si

Conditioning: method B

Substrate: mortar + primer, aluminum

"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 and on behalf of the manufacturer by:

Marko Štrukelj, Prøduct manager

Srpenica, 26.06.2014