



DECLARATION OF PERFORMANCE PrestandadeklARATION

I enlighet med bilaga III till förordning (EU) 305/2011 (Construction Product Regulation)

Produktnamn:

BOSTIK FP 405 Silmax Pro

DoP- No. P0449 0761-CPR-0723

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1. Produktens unika identifikationskod:

BOSTIK FP 405 Silmax Pro

2. Avsedd användning:

BRANDTÄTNING MELLAN BYGGNADSEDELAR, LINJÄRA FOGAR, HORIZONTELLT ELLER VERTIKALT

3. Tillverkarens namn:

BOSTIK GmbH. ■ AN DER BUNDERSTRASSE 16 ■ DE - 33829 BORGHOLZHAUSEN

4. Systemet eller systemen för bedömning av fortlöpande kontroll av byggprodukts prestanda

System 1

5. Europeiskt bedömningsdokument

EAD 350141-00-1106, September 2017

Europeisk teknisk bedömning:

ETA-17/0455, 04/12/2024

6. Tekniskt bedömningsorgan:

RISE Research Institutes of Sweden AB

Anmält testorgan:

Kiwa GmbH Polymer Institut (1119)



7. Angiven prestanda

Bostik FP 405 Silmax Pro		
No	Väsentliga egenskaper	Prestanda
BWR 2 Säkerhet vid brand		
1	Brandklass	Klass E
2	Brandmotstånd	Se annex A
BWR 3 Hygien, hälsa och miljö		
3	Innehåll, emissioner och/eller frigörande av farliga ämnen	NPD
4	Luftgenomsläpplighet	NPD
5	Vattenpermeabilitet	NPD
BWR 4 Säkerhet och tillgänglighet vid användning		
6	Mekanisk hållfasthet och stabilitet	NPD
7	Motstånd mot påverkan och rörelse	NPD
8	Vidhäftning	NPD
9	Hållbarhet	Y ₂
10	Rörelseförmåga	NPD
11	Cykler av försegling mot vägg	NPD
12	Kompression	NPD
13	Linjär expansion	NPD
BWR 5 Bullerskydd		
14	Luftljudsisolering	NPD
BWR 6 Energihushållning och värmeisolering		
15	Termiska egenskaper	NPD
16	Vattenpermeabilitet	NPD

Bestik Benelux B.V.

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8. Prestandan för ovanstående produkt överensstämmer med den angivna prestandan. Denna prestandadeklaration har utfärdats i enlighet med förordning (EU) nr 305/2011 på eget ansvar av den tillverkare som anges ovan.

Undertecknat för tillverkaren av:



V. Imbos

Vincent Imbos
Managing Director
Oosterhout, 19-06-2023



Annex 1

Resistance to Fire Classification of Bostik FP405 Silmax Pro

1.1 Flexibel or rigid wall constructions with wall thickness of minimum 40 mm

1.1.1 Linear seals, for gaps between steel profile and concrete in walls up to 3 m high or in rigid walls

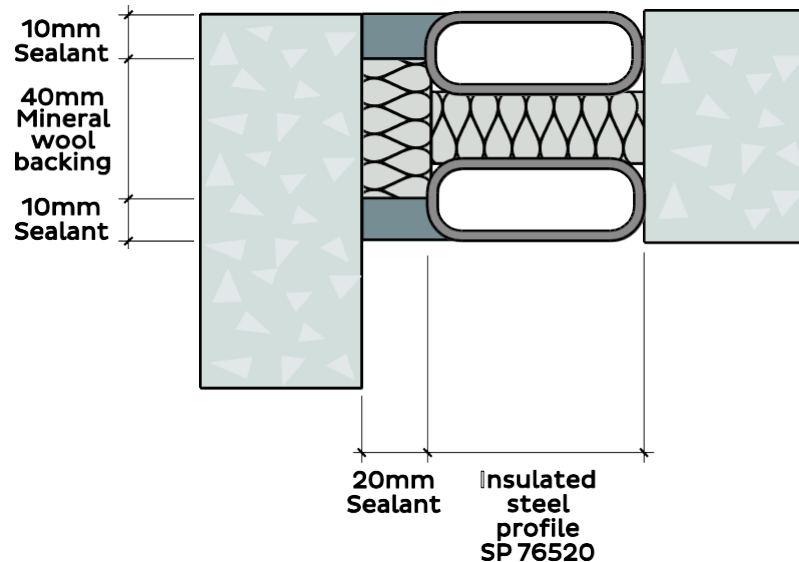
Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 15 mm	
Construction details:	10mm Sealant 20mm mineral wool backing 10mm Sealant 15mm Sealant Steel profile 40x40x2,5 mm

1.1.2

Substrate	Depth (mm)	Backing	Classification
Steel profile VKR 40 x 40 x 2,5 and concrete	10 min.	Minimum 20 mm mineral wool Paroc FPY 1	E 15-V-X-F-W15

1.2.1 Linear seals, for gaps between steel profile and concrete in walls up to 3 m high or in rigid walls

Construction details:



1.2.2

Substrate	Depth (mm)	Backing	Classification
Steel profile SP 76520 (Promatec insulation 25 mm) and concrete	10 min.	Minimum 40 mm Mineral wool Paroc FPY 1	EI 30-V-X-F-W20 E 60-V-X-F-W20

1.3 Flexibel or rigid wall constructions with wall thickness of minimum 70 mm

1.3.1 Linear seals, for gaps between wood studs in walls up to 3 m high or in rigid walls

Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm

Construction details:

The diagram illustrates a cross-section of a wall assembly. It consists of two 45mm Pine wood studs, each 45mm wide, separated by a 20mm gap. The gap is filled with 10mm Sealant (top and bottom) and 50mm mineral wool backing. The wall thickness is 70mm. The diagram is labeled with dimensions and materials: 10mm Sealant, 50mm mineral wool backing, 10mm Sealant, 45mm Pine wood stud, 20mm Sealant, and 45mm Pine wood stud.

1.3.2

Substrate	Depth (mm)	Backing	Classification
Wood studs 70 x 45 mm	10 min.	Minimum 50 mm Mineral wool Paroc FPY 1	EI 90-V-X-F-W20

1.4 Flexibel or rigid wall constructions with wall thickness of minimum 70 mm

1.4.1 Linear seals, for gaps between wood stud and concrete in walls up to 3 m high or in rigid walls

Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm	
Construction details:	The diagram illustrates a cross-section of a wall joint. A central vertical element is a 45mm wide pine wood stud, shown in yellow with a diagonal cross-hatch pattern. To its left and right are 10mm thick layers of sealant, depicted in dark blue. The main body of the wall on either side is composed of 50mm thick mineral wool backing, represented by a light blue area with a triangular pattern. The total wall thickness is indicated as 70mm (10mm sealant + 50mm mineral wool + 10mm sealant). The gap between the wood stud and the concrete wall is 20mm, filled with sealant.

1.4.2

Substrate	Depth (mm)	Backing	Classification
Wood stud 70 x 45 mm and concrete	10 min.	Minimum 50 mm Mineral wool Paroc FPY 1	EI 60-V-X-F-W20 E 90-V-X-F-W20

1.5 Flexibel or rigid wall constructions with wall thickness of minimum 75 mm

1.5.1 Linear seals, for gaps between concrete in walls up to 3 m high or in rigid walls

Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm	
Construction details:	10mm Sealant 55mm mineral wool backing 10mm Sealant 20mm Sealant

1.5.2

Substrate	Depth (mm)	Backing	Classification
Concrete	10 min.	Minimum 55 mm Mineral wool Paroc FPY 1	EI 90-V-X-F-W20 E 120-V-X-F-W20

1.6 Flexibel or rigid wall constructions with wall thickness of minimum 95 mm

1.6.1 Linear seals, for gaps between gypsum board and wood stud in walls up to 3 m high or in rigid walls

Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm	
Construction details:	The diagram illustrates a cross-section of a wall assembly. On the left is a light blue textured area representing gypsum board. To its right is a vertical strip of yellow hatched material labeled '10mm Sealant'. This is followed by a thick grey area labeled '75mm Mineral backing wool'. To the right of the mineral wool is another vertical strip of yellow hatched material labeled '10mm Sealant'. This is followed by a thin grey strip labeled '13 mm Plasterboard'. To the right of the plasterboard is a gap labeled '20mm Sealant'. This gap is filled with a dark grey material. To the right of the gap is a yellow area with a black 'X' labeled '45mm wood stud pine'. To the right of the wood stud is another light blue textured area representing gypsum board.

1.6.2

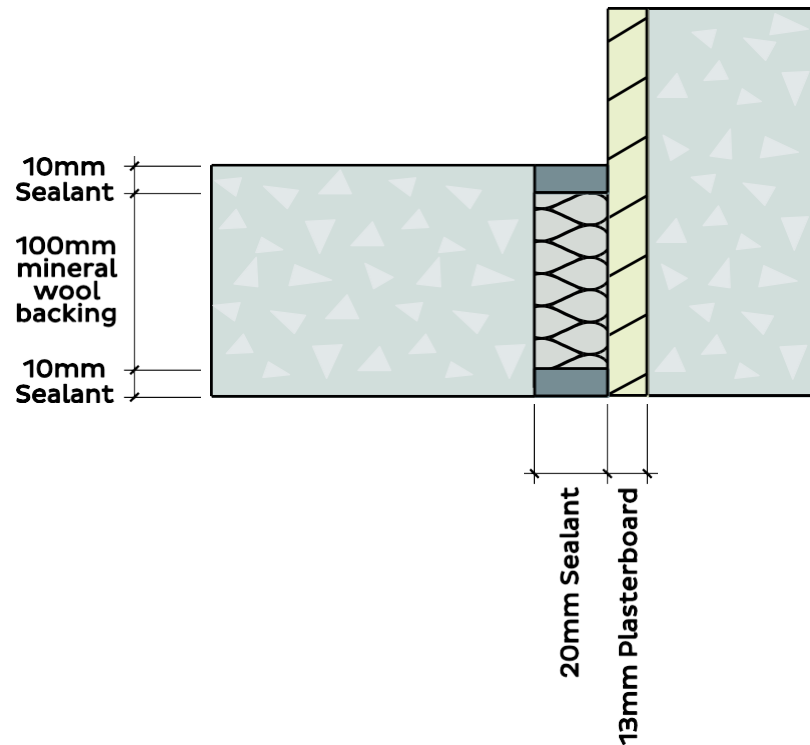
Substrate	Depth (mm)	Backing	Classification
Gypsum board and wood stud 95 x 45 mm	10 min.	Minimum 75 mm Mineral wool Paroc FPY 1	EI 90-V-X-F-W20

1.7 Flexibel or rigid wall constructions with wall thickness of minimum 120 mm

1.7.1 Linear seals, for gaps between gypsum board and concrete in walls up to 3 m high or in rigid walls

Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm

Construction details:



1.7.2

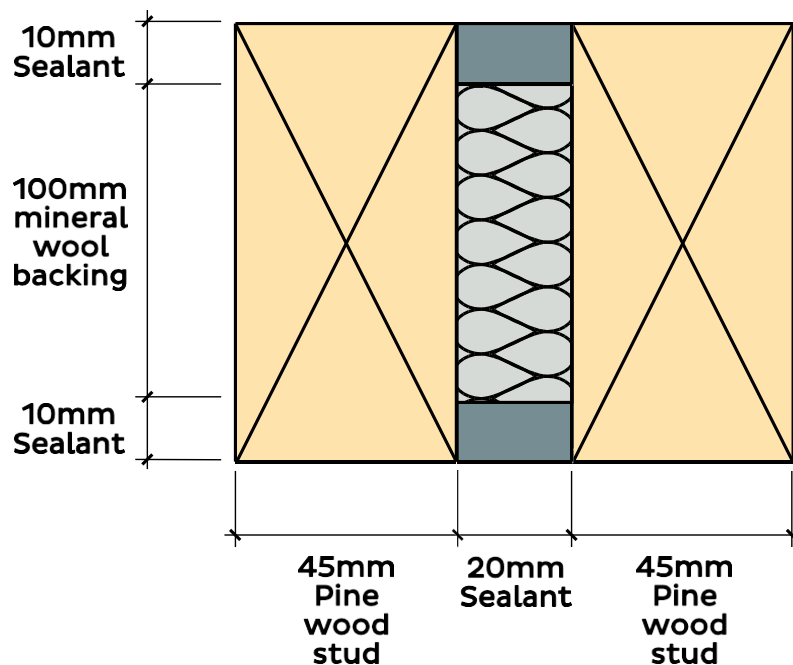
Substrate	Depth (mm)	Backing	Classification
Gypsum board and concrete	10 min.	Minimum 100 mm Mineral wool Paroc FPY 1	EI 120-V-X-F-W20

1.8 Flexibel or rigid wall constructions with wall thickness of minimum 120 mm

1.8.1 Linear seals, for gaps between wood studs in walls up to 3 m high or in rigid walls

Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm

Construction details:



1.8.2

Substrate	Depth (mm)	Backing	Classification
Wood studs 120 x 45 mm	10 min.	Minimum 100 mm Mineral wool Paroc FPY 1	EI 120-V-X-F-W20