



DECLARATION OF PERFORMANCE YTELSESERKLÆRING

enligt Annex III Regulation (EU) 305/2011 (Construction Product
Regulation)

Produktnamn:

BOSTIK FP 405 Silmax Pro

DoP- No. P0449 0761-CPR-0723

1. Entydig identifikasjonskode for produkttypen:

BOSTIK FP 405 Silmax Pro

2. Bruksområde:

BRANNFORSEGLET MELLOM BYGNINGSDELER, LINEÆRE FUGER, HORIZONTALT ELLER VERTIKALT

3. Produsentens navn:

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

4. Det eller de systemer for vurdering og kontroll av byggevarens konstante ytelse

System 1

5. Europeiskt vurderingsdokument

EAD 350141-00-1106, September 2017

Europeisk teknisk vurdering:

ETA-17/0455, 04/12/2024

6. Tekniskt kontrollorgan:

RISE Research Institutes of Sweden AB

Varselt testorgan:

Kiwa GmbH Polymer Institut (1119)



7. Angitt ytelse

Bostik FP 405 Silmax Pro		
No	Vesentlige egenskaper	Ytelse
BWR 2 Sikkerhet vid brann		
1	Brannegenskap	Klass E
2	Brannmotstand	Se annex A
BWR 3 Hygiene, helse og miljø		
3	Innehåll, emissioner och/eller frigörande av farliga ämnen	NPD
4	Luftgenomsläpplighet	NPD
5	Vattenpermeabilitet	NPD
BWR 4 Sikkerhet og tilgjengelighet i bruk		
6	Mekanisk styrke og stabilitet	NPD
7	Motstand mot slag og bevegelse	NPD
8	Vedheft	NPD
9	Varighet	Y ₂
10	Fugebevegelser	NPD
11	Sykluser av tetting mot vegg	NPD
12	Komprejon	NPD
13	Lineær ekspansjon	NPD
BWR 5 Støybeskyttelse		
14	Luftlydisolering	NPD
BWR 6 Energistyring og termisk isolasjon		
15	Termiske egenskaper	NPD
16	Vannpermeabilitet	NPD



BOSTIK

8. Ytelsen for varen som angitt, er i samsvar med ytelsen angitt. Denne ytelseserklæringen er utstedt på eget ansvar av produsenten, enligt (EU) nr 305/2011.

Undertegnet for og på vegne av produsenten 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:	

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 Flexibel or rigid wall constructions with wall thickness of minimum 60 mm

1.2.1 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 20 mm	
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

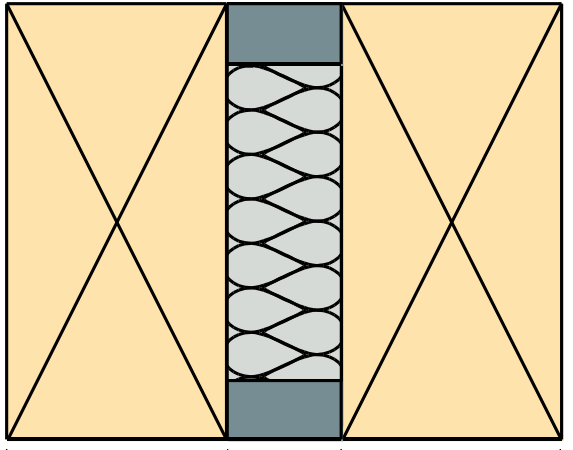
Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm

Construction details:

10mm Sealant

50mm mineral wool backing

10mm Sealant



45mm Pine wood stud20mm Sealant45mm 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. On the left is a light blue textured area representing the concrete wall. To its right is a 20mm gap filled with dark grey sealant. Further right is a 50mm thick layer of mineral wool backing, shown with a wavy pattern. To the right of the backing is a 45mm wide pine wood stud, depicted as a yellow rectangle with a diagonal 'X'. To the right of the stud is another 20mm gap filled with dark grey sealant. The entire assembly is flanked by more light blue textured concrete wall. Dimension lines indicate the 10mm sealant thickness on both sides of the gap, the 50mm mineral wool backing, and the 20mm sealant gap and 45mm pine wood stud width.

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

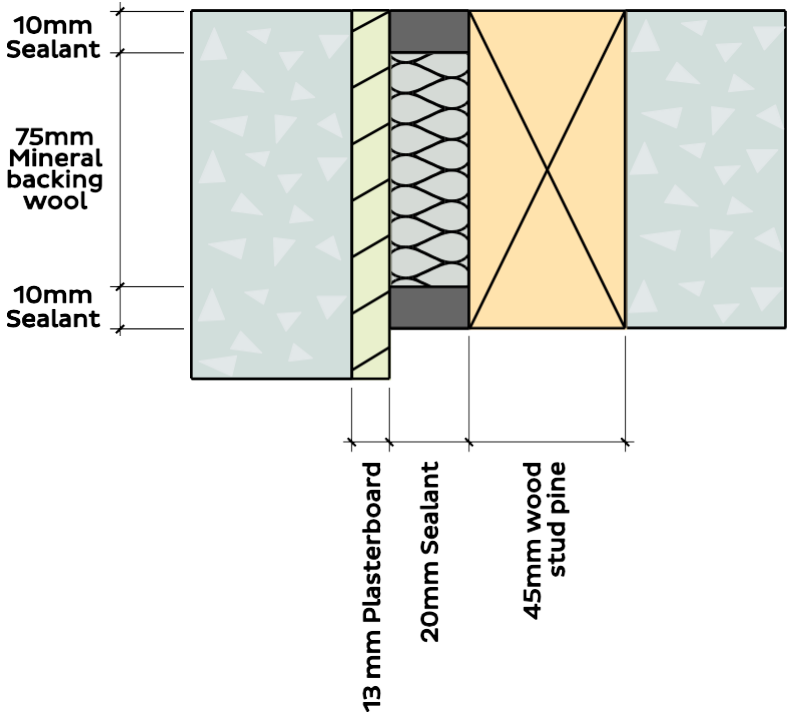
Gap seal: Bostik FP405 Silmax Pro to both sides of the wall, gap widths up to 20 mm	
Construction details:	10mm Sealant 55mm mineral wool backing 10mm Sealant 20mm Sealant

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 gap filled with sealant. Further right is a yellow hatched area representing mineral wool backing. To the right of the mineral wool is a dark grey vertical strip representing plasterboard. To the right of the plasterboard is a gap filled with sealant. Further right is a yellow area with a black 'X' representing a wood stud. To the right of the wood stud is another gap filled with sealant. Finally, on the far right is another light blue textured area representing gypsum board. Dimension lines indicate the following layers from left to right: 10mm Sealant (top), 75mm Mineral backing wool (middle), 10mm Sealant (bottom), 13 mm Plasterboard (vertical strip), 20mm Sealant (vertical strip), and 45mm wood stud pine (vertical strip).

1.6.2

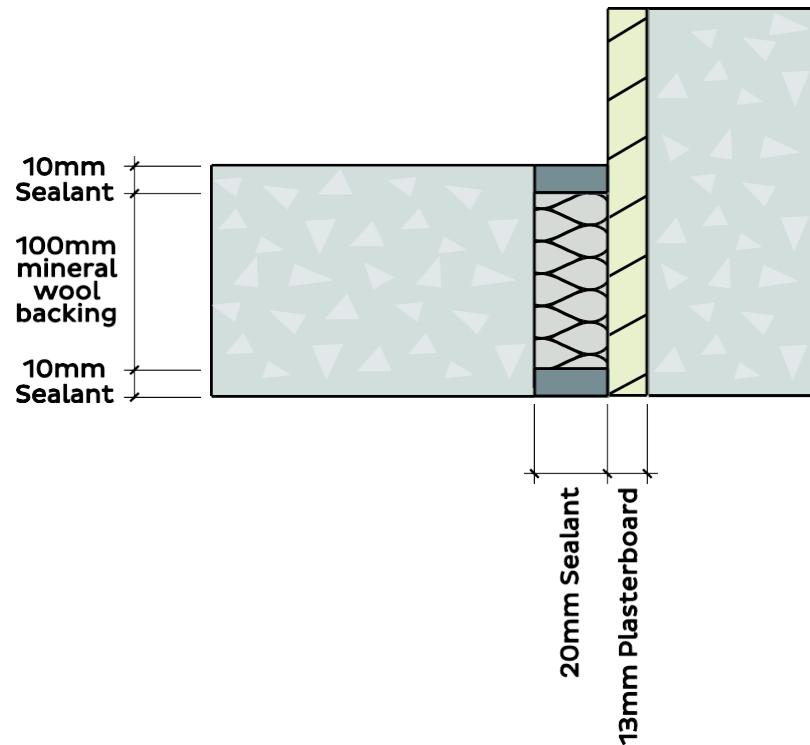
Substrate	Depth (mm)	Backing	Classification
Gypsum board and wood stud 95 x 45 mm	10 min.	Minimum 75 mm Mineral wool Paroc FPY 1	EI 90-V-X-F-W20

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

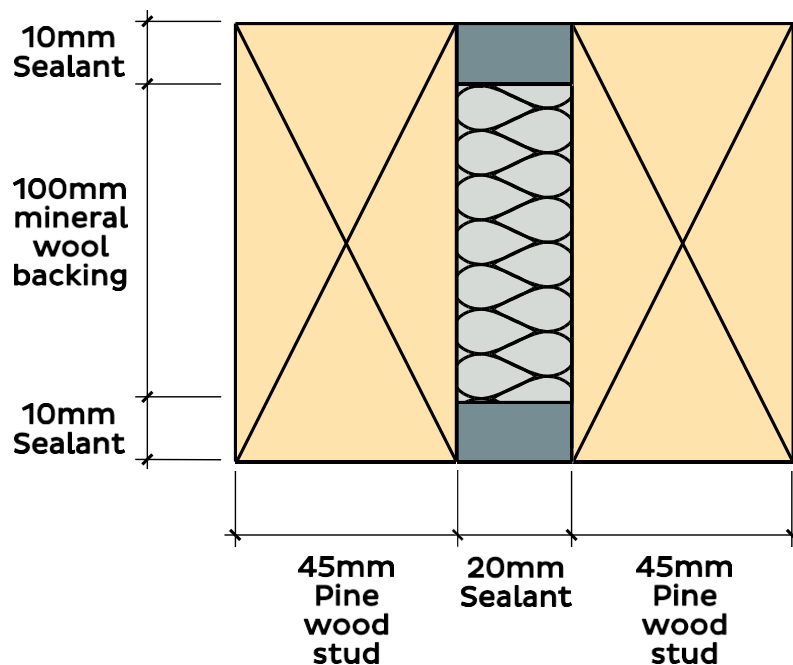
Substrate	Depth (mm)	Backing	Classification
Gypsum board and concrete	10 min.	Minimum 100 mm Mineral wool Paroc FPY 1	EI 120-V-X-F-W20

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