fischer

FFB-VS Ventistop Open State Cavity Barrier

IFC Certification



Certificate

Penetration & Linear Gap Seals Scheme

Certificate Number: IFCC 1827

Initial Certification: 09 March 2023
Valid to: 08 March 2028

Revised: 18 December 2025
Issue No: 3

Issued by **IFC Certification Ltd** part of the Kiwa UK Group

This is to certify that

Fischerwerke GmbH & Co KG

Klaus-Fischer-Strasse 1
Waldachtal
Germany
72178
Tel: +49 151 571 287 05

Who fabricate the following system:

Fischer VentiStop Open State Cavity Barrier FFB-VS

have satisfied the requirements of the Penetrations and Linear Gap Seals scheme SDP 13 v1.4. This includes the testing of products to EN1363-1:2012 in conjunction with ASFP TGD19, the inspection of their Factory Production Control and continuing surveillance audits and testing of samples of products taken from production. The product specification and test reports to achieve from **30 minutes to 120 minutes integrity and insulation** are detailed on page 2 of this certificate.

David Mowatt
Head of IFC Certification /
Kiwa UK

kiwa CERTIFIED Product Scheme IFC Certification

UKAS PRODUCT CERTIFICATION 0175

Certificate is only valid if verified on the website.
Check the validity of this certificate by scanning this QR Code or visiting www.ifccertification.com/search/

KIWA
IFC Certification Ltd
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Building 2,
Bear Brook Office Park
Walton Street, Aylesbury,
Bucks, HP21 7GQ

Certificate

The production of cavity barriers are manufactured in accordance with the assessment/ test reports referenced within the following tables:

Test Report	Specimen	Overall width (mm)	Cavity width (mm)	Integrity (mins)	Insulation (mins)
4788805638	A	150	175	111	54
	B	325	350	75	49
	C	125	175	105	37

Test Report	Specimen	Overall width (mm)	Cavity width (mm)	Integrity (mins)	Insulation (mins)
4788937151	A	150	175	132	123
	B	325	350	132	64
	C	150	175	132	63
	D	53	137	117	117*
	E	138	163	132	43

* - by virtue of integrity failure

Test Report	Specimen	Overall width (mm)	Cavity width (mm)	Integrity (mins)	Insulation (mins)
4789067973	A	425	450	135	58
	B	400	450	82	53
	C	134	180	117	68

Test Report	Specimen	Overall width (mm)	Cavity width (mm)	Integrity (mins)	Insulation (mins)
4789225196	A	57	135	135	105
	B	170	220	135	54
	C	412	450	126	60
	D	102	127	135	64

Signed on behalf of Kiwa UK



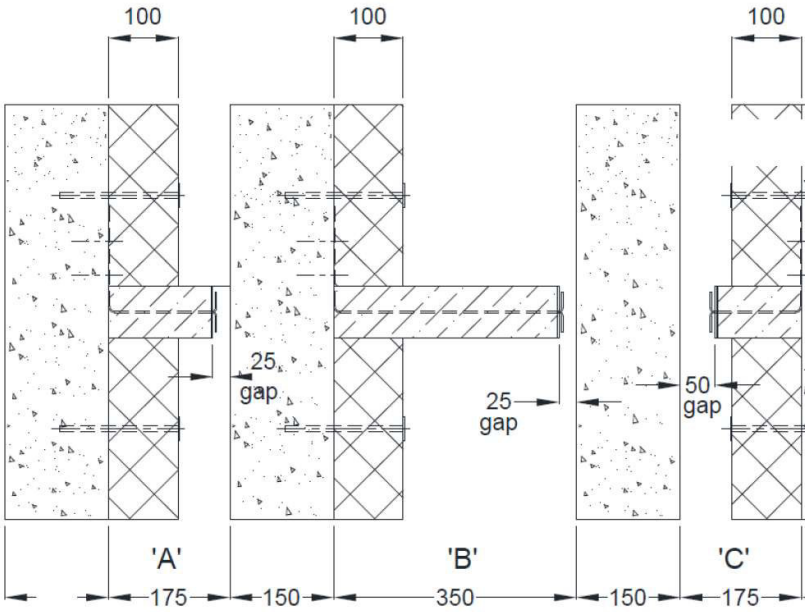
David Mowatt
Head of IFC Certification /
Kiwa UK

The scope of the certification is limited to the details and parameters contained within these reports and all aspects of the specification and limitations defined therein must be satisfied.

It is the certificate holder's responsibility to ensure that the latest version/ revision of the above assessment reports are maintained as part of the audited FPC system.
Failure to comply with all specifications will invalidate the certification and may jeopardise the fire performance.

Test Specification FFB-VS VentiStop

Test 4788805638



Technical Data

1. Cavity Barriers	
Item:	**Description:**
Manufacturer	fischerwerke GmbH & Co. KG
Reference	fischer FFB-VS Ventistop
Material	Foil faced stone wool panel c/w intumescent strip
Density	90 kg/m^3
Barrier thickness	80 mm
Overall width (barrier width + intumescent thickness)	
i. specimen 'A'	150 mm (148 mm + 2 mm)
ii. specimen 'B'	325 mm (323 mm + 2 mm)
iii. specimen 'C'	125 mm (121 mm + 4 mm)
Fixing method	friction fit within the apertures and incorporating a butt joint and secured to the masonry surround using fischer DHM Metal Insulation Anchor for barriers up to 260 mm and fischer Universal brackets for barriers up to 425 mm.

2. Insulation	
Item:	**Description:**
Manufacturer	Rockwool Ltd.
Reference	Rainscreen Duo Slab
Material	Rock fibre insulation
Density	60 kg/m^3
Thickness	100 mm
Overall Size	Approx. 260mm wide
Fixing method	Fixed to masonry surround using fischer DHM Metal Insulation Anchors as per the fixings detail from Rockwool Ltd.

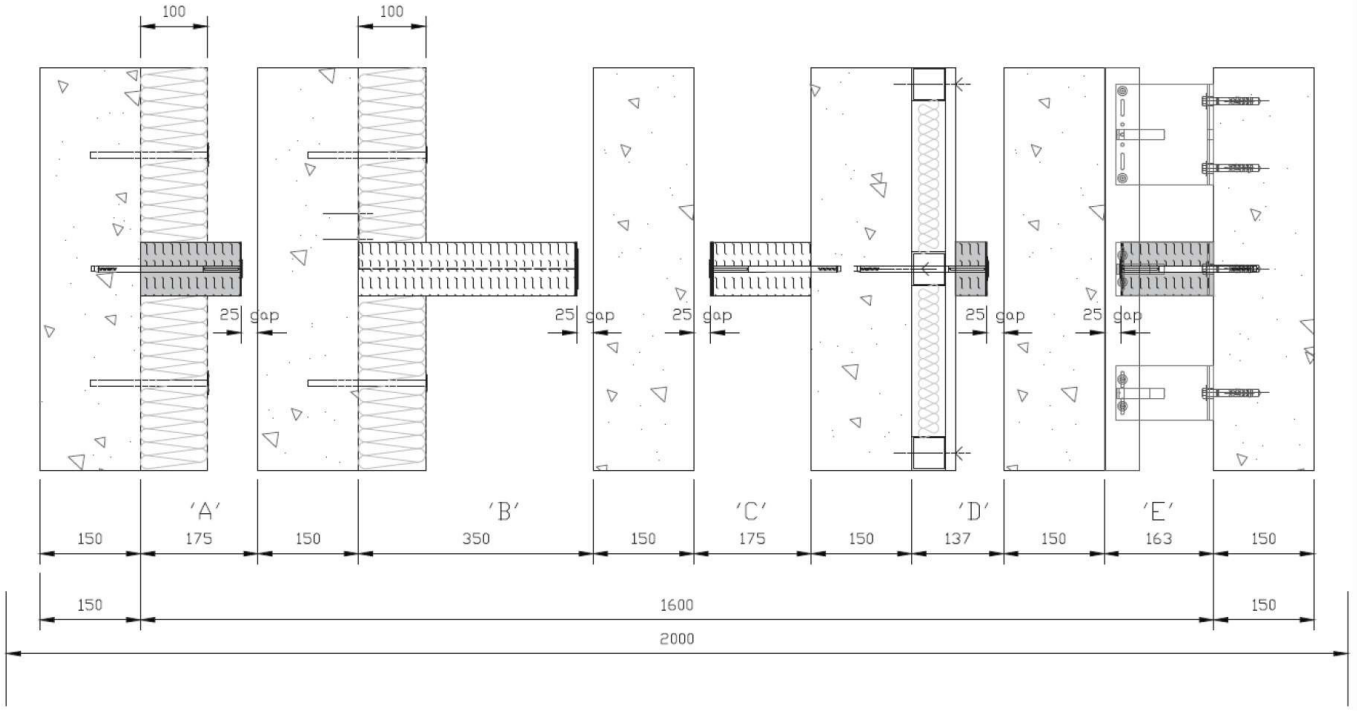
4/5. Insulation and Cavity Barrier supports	
Item:	**Description:**
Manufacturer	fischerwerke GmbH & Co. KG
Reference	DHM Metal Insulation Anchor
Material	Steel
Quantity	300 mm centers along full length of each horizontal specimen. Insulation fixing pattern will be advised by Insulation Manufacturer.

6. Supporting Constrution	
Floor of overall dimensions of 2200 mm long by 1765 mm wide by 600 mm thick and made up of autoclaved aerated concrete lintels arranged to provide two 350 mm wide by 1000 mm long, and two 175 mm wide by 1500 mm long apertures.	
Type	Steel reinforced autoclaved aerated concrete slabs
Density	670 kg/m^3
Overall size of slabs	600 mm deep x 150 mm thick

3. Intumescent strip	
Item:	**Description:**
Material	Graphite based
Thickness:	
i. specimen 'A' and 'B'	Single layer, 2 mm thick
ii. specimen 'C'	2 no. layers, each 2 mm thick
Overall Size	75 mm wide
Fixing method	Intumescent is fixed along the open edge of the cavity barrier at the time of manufacture

Test Specification FFB-VS VentiStop

Test 4788937151



Technical Data

1. Cavity Barriers	
Item:	**Description:**
Manufacturer	fischerwerke GmbH & Co. KG
Reference	fischer FFB-VS Ventistop
Material	Foil faced stone wool panel c/w intumescent strip
Density	90 kg/m^3
Barrier thickness	80 mm
Overall width (barrier width + intumescent thickness)	
i. specimen 'A'	150 mm (148 mm + 2 mm)
ii. specimen 'B'	325 mm (323 mm + 2 mm)
iii. specimen 'C'	150 mm (148 mm + 2 mm)
iv. specimen 'D'	53 mm (51 mm + 2 mm)
v. specimen 'E'	138 mm (136 mm + 2 mm)
Fixing method	friction fit within the apertures and incorporating a butt joint and secured to the masonry surround using fischer D HM Metal Insulation Anchor for barriers up to 260 mm and fischer Universal brackets for barriers up to 425mm.

2. Insulation	
Item:	**Description:**
Manufacturer	Rockwool Ltd.
Reference	Rainscreen Duo Slab
Material	Rock fibre insulation
Density	60 kg/m^3
Thickness	100 mm
Overall Size	1000 mm long x approx. 260 mm wide
Fixing method	Fixed to masonry surround using fischer DHM Metal Insulation Anchors as per the fixings detail from Rockwool Ltd.

Test 4788937151

3. Intumescent strip	
Item:	**Description:**
Material	Graphite based
Thickness	
i. specimen 'A' and 'E'	Single layer, 2 mm thick
Overall Size	80 mm wide x 1000 mm long strip
Fixing method	Intumescent is fixed along the open edge of the cavity barrier at the time of manufacture

4/5. Insulation and Cavity Barrier supports	
Item:	**Description:**
Manufacturer	fischerwerke GmbH & Co. KG
Reference	DHM Metal Insulation Anchor
Material	Steel
Quantity	300 mm centers along full length of each horizontal specimen. Insulation fixing pattern to be advised by Insulation Manufacturer.

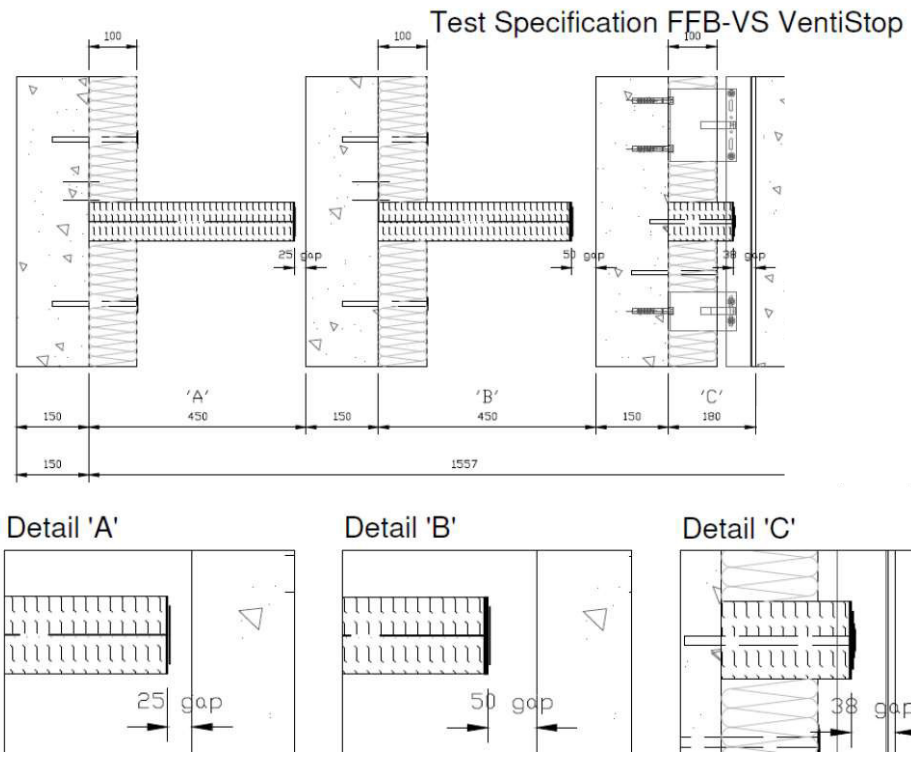
6. Supporting Constrution	
Type	Steel reinforced autoclaved aerated concrete slabs
Density	670 kg/m^3
Overall size of slabs	600 mm deep x 150 mm thick

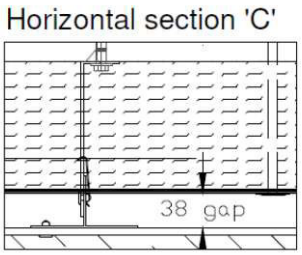
Floor of overall dimensions:
2200 mm long by 1765 mm wide by 600 mm thick and made up of autoclaved aerated concrete lintels arranged to provide five 1000 mm long apertures, as follows:

Specfication:	Cavity Wall	Additional information
A	175 mm	Rainscreen Duo Slab Insulation to the inner leaf
B	350 mm	Rainscreen Duo Slab Insulation to the inner leaf
C	**175 mm**	No insulation
D	**137 mm**	Lightweight framing system comprised of a 50mm Header & Base Track fixed with a 9mm thick 'Y' Wall Board Supplier by Stanta
E	**163 mm**	fischer BWM Aluminum Support Bracket with fischer 'T' Aluminum Profile

Test Specification FFB-VS VentiStop

Test 4789067973





Technical Data

1. Cavity Barriers	
Item:	**Description:**
Manufacturer	fischerwerke GmbH & Co. KG
Reference	fischer FFB-VS Ventistop
Material	Foil faced stone wool panel c/w intumescent strip
Density	90 kg/m^3
Barrier thickness	80 mm
Overall width (barrier width + intumescent thickness)	
i. specimen 'A'	425 mm 423mm + 2mm)
ii. specimen 'B'	400 mm (396mm + 2mm)
iii. specimen 'C'	134 mm (132mm + 2mm)
Fixing method	friction fit within the apertures and incorporating a butt joint and secured to the masonry surround using fischer DH M Metal Insulation Anchor for barriers up to 260 mm and fischer Universal brackets for barriers up to 425mm.

2. Insulation	
Item:	**Description:**
Manufacturer	Rockwool Ltd.
Reference	Rainscreen Duo Slab
Material	Rock fibre insulation
Density	60 kg/m^3
Thickness	100 mm
Overall Size	1000 mm long x approx. 260mm wide
Fixing method	Fixed to masonry surround using fischer DHM Metal Insulation Anchors as per the fixings detail from Rockwool Ltd.

Test 4789067973

3. Intumescent strip	
Item:	**Description:**
Material	Graphite based
Thickness	
i. specimen 'A' and 'D'	Single layer, 2 mm thick
ii. specimen 'B and 'C'	Double layer, 4 mm thick
Overall Size	80 mm wide x 1000 mm long strip
Fixing method	Intumescent is fixed along the open edge of the cavity barrier at the time of manufacture.

4/5. Insulation and Cavity Barrier supports	
Item:	**Description:**
Manufacturer	fischerwerke GmbH & Co. KG
Reference	DHM Metal Insulation Anchor
Material	Steel
Quantity	300 mm centers along full length of each horizontal specimen. Insulation fixing pattern to be advised by Insulation Manufacturer.

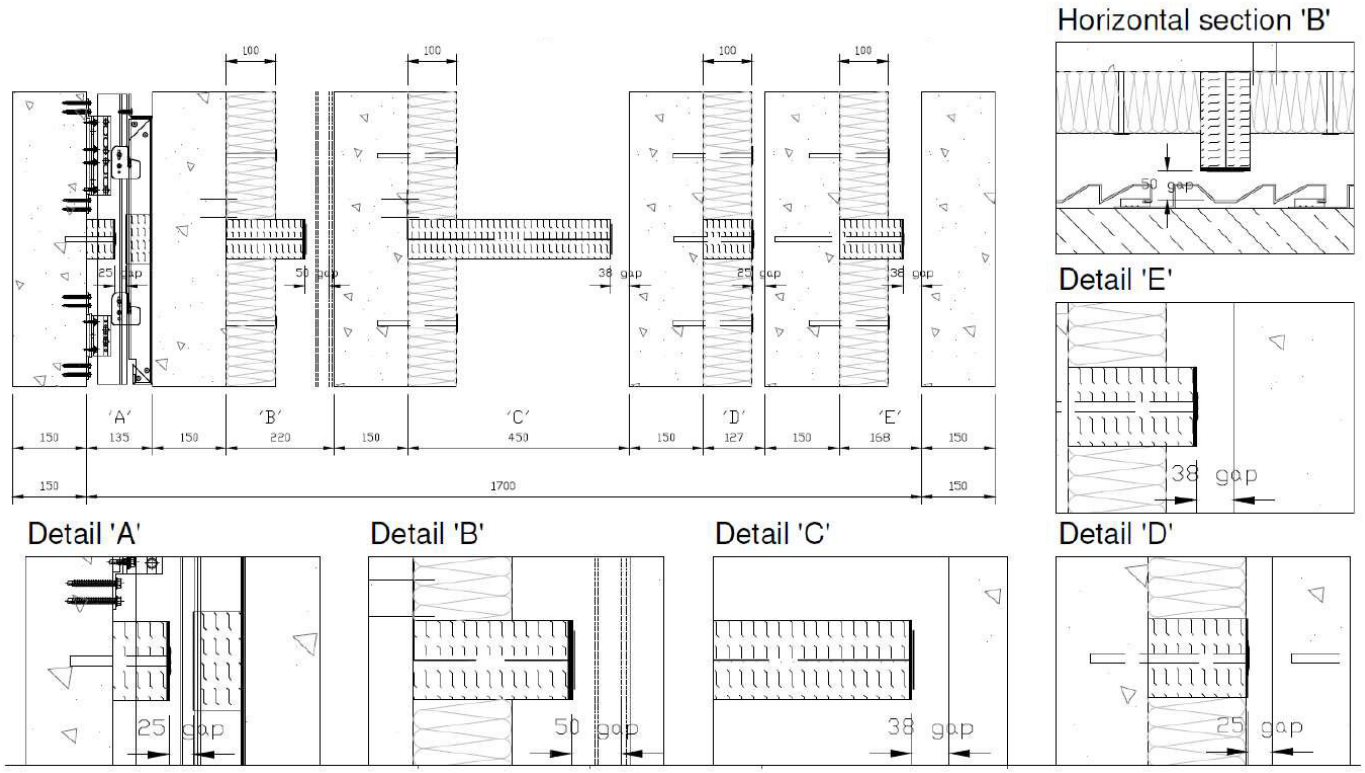
6. Supporting Constrution	
Type	Steel reinforced autoclaved aerated concrete slabs
Density	670 kg/m^3
Overall size of slabs	600 mm deep x 150 mm thick

Floor of overall dimensions:
2200 mm long by 1765 mm wide by 600 mm thick and made up of autoclaved aerated concrete lintels arranged to provide five 1000 mm long apertures, as follows:

Specfication:	Cavity Wall	Additional information
A	450 mm	Rainscreen Duo Slab Insulation to the inner leaf
B	450 mm	Rainscreen Duo Slab Insulation to the inner leaf
C	**180 mm**	Rainscreen Duo Slab Insulation to the inner leaf. A facade cladding material with class A reaction to fire classification with a nominal 8 mm thickness is installed on the counter side using a BWM type attachment system which consists of vertical aluminium T-profiles with a thickness of 2 mm. The air gap between the façade material and the FFB-VS is 38mm
D	**27 mm**	No Insulation

Test Specification FFB-VS VentiStop

Test 4789225196



Technical Data

1. Cavity Barriers Item:	Description:
Manufacturer	fischerwerke GmbH & Co. KG
Reference	fischer FFB-VS Ventistop
Material	Foil faced stone wool panel c/w intumescent strip
Density	90 kg/m^3
Barrier thickness	80 mm
Overall width (barrier width + intumescent thickness)	
i. specimen 'A'	57 mm (55 mm + 2 mm)
ii. specimen 'B'	170 mm (166 mm + 2 mm)
iii. specimen 'C'	412 mm 410 mm + 2 mm)
iv specimen 'D'	102 mm (100 mm+ 2 mm)
v. Specimen 'E'	130 mm (128 mm + 2 mm)
Fixing method	friction fit within the apertures and incorporating a butt joint and secured to the masonry surround using fischer DHM Metal Insulation Anchor for barriers up to 260 mm and fischer Universal brackets for barriers up to 425mm.

Test 4789225196

2. Insulation	
Item:	**Description:**
Specimen	A', 'B', 'C' and 'E'
Manufacturer	Rockwool Ltd.
Reference	Rainscreen Duo Slab
Material	Rock fibre insulation
Density	60 kg/m^3
Thickness	100 mm
Overall Size	1000 mm long x approx. 260mm wide
Fixing method	Fixed to masonry surround using fischer DHM Metal Insulation Anchors as per the fixings detail from Rockwool Ltd.
Specimen	'D'
Manufacturer	ISOVER
Reference	Konter FSP 1-035
Material	Glass wool G3 touch mineral wool
Thickness	100 mm
Overall Size	1000 mm long x approx. 260mm wide
Fixing method	Fixed to masonry surround using fischer DHM Metal Insulation Anchors as per the fixings detail from Rockwool Ltd.

3. Intumescent strip	
Item:	**Description:**
Material	Graphite based
Thickness	
i. specimen 'A', 'C', 'D' and 'E'	Single layer, 2 mm thick
ii. specimen 'B'	Double layer 4 mm thick
Overall Size	80 mm wide x 1000
Fixing method	Intumescent is fixed along the open edge of the cavity barrier at the time of manufacture.

4/5. Insulation and Cavity Barrier supports	
Item:	**Description:**
Manufacturer	fischerwerke GmbH & Co. KG
Reference	DHM Metal Insulation Anchor
Material	Steel
Quantity	300 mm centers along full length of each horizontal specimen. Insulation fixing pattern to be advised by Insulation Manufacturer.

6. Supporting Constrution	
Type	Steel reinforced autoclaved aerated concrete slabs
Density	670 kg/m^3
Overall size of slabs	600 mm deep x 150 mm thick

Floor of overall dimensions:
2200 mm long by 1765 mm wide by 600 mm thick and made up of autoclaved aerated concrete lintels arranged to provide five 1000 mm long apertures as follows:

Specfication:	Cavity Wall:	Additional information:
A	135 mm	A 550 mm wide and 800 mm ACM (Aluminum Composite Cassette) façade panel is installed onto a representative aluminum attachment system. Opposite of the FFB-VS a 100 mm high, 50 mm deep, full length stone wool "fischer Cassette infill" is attached with a double sided self-adhesive tape inside the cassette panel . The air gap between the facade material and the FFB-VS is 25 mm
B	220mm	Rainscreen Duo Slab Insulation to the inner leaf. A façade cladding material "Simco Trapezoidal" with A1 reaction to fire classification with a nominal 8 mm thickness is installed on the counter side. The air gap between the facade material and the FFB-VS is up to 50mm, depending on the trapezoidal lentils.
C	**450 mm**	**Rainscreen Duo Slab Insulation to the inner leaf.**
D	**127 mm**	**ISOVER Kontur FSP1-035 to the inner leaf.**
E	**168 mm**	**Rainscreen Duo Slab Insulation to the inner leaf**

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