

HILTI CP 674 Cavity Closure For Rainscreen / Cladding Systems

The enclosed pages are taken from the
Hilti Firestop Systems Manual
Edition April 2011
Supported by additional standard details

For Material Safety data sheets
visit the technical library at www.hilti.co.uk/cfs

<p>Hilti (Gt Britain) Ltd TECHNICAL ADVISORY SERVICE TELEPHONE 0161 886 1144</p>

Quality Management System Certification

Standard: ISO 9001:2008

Issued by: The Swiss Association for Quality and Management Systems SQS.

Registration No: 12455 (The current certificate can be downloaded from www.hilti.co.uk)

Field of activity: Market Organisation.

Note: The certificate of Hilti (Gt. Britain) Ltd. is a sub-certificate to the master certificate of Hilti Aktiengesellschaft, FL-9494 Schaan with the field of activity: Research, Development, Manufacturing, Sales and Service.

Don't just use Hilti Firestop Products, use our Hilti Accredited Firestop Contractors

It is the combination of a quality conscious and third party accredited manufacturer working in close co-operation with a selected group of third party accredited installers that can offer you the best value.



Here are some of the benefits available to you by using this co-operation:-

- Reduce your liability; liability that comes from poor or incorrect installation and performance of products.
- Efficient Project Management based on the co-operation of a specialised manufacturer with a specialist contractor
- Commercially designed, effective Fire Protection solutions
- Products that adhere to 3rd party product conformity schemes such as FM, UL and Certifire.

These approvals are an assurance of product and manufacturer quality, they can also have an influence on the building insurance premium reducing the service costs of the building.

- Solutions that have been tested for long term performance.
- Solutions that offer business continuity and protections of premises.
- Certification of conformity of work completed.
- Installation work audited by FIRAS on site to ensure compliance with manufacturers' recommendations and Building regulations.
- Installer with site based manufacturer support.
- Installer having available site based manufacturers support when needed.
- Clear and comprehensive documentation of installation.
- Comprehensive support documentation for proposed solutions.
- Clarity and assistance understanding the role of Passive Fire measures in modern building construction.

Product Accreditation

Hilti Firestop Systems have been certified by a wide variety of international bodies, such as FM, UL, Certifire and iBMB

As part of this process products are monitored on an on-going basis so you can have absolute confidence in the quality and standard of the product you are specifying.

Installation Accreditation

Hilti-Accredited Firestop Contractors are also third party certified (e.g. FIRAS or LPCB).

This means that they work to agreed industry standards, employ trained operatives and are subject to on-site audits and inspection of representative samples of the work carried out to ensure compliance with manufacturers' recommendations and Building Regulations

Further details about Hilti accredited Firestop Contractors and the support that we can offer you can be obtained by telephoning Freephone 0800 083 8889 (GB only).



Association for Specialist Fire Protection

Hilti is proud to support and be a member of The Association for Specialist Fire Protection (ASFP)

ASFP Vision

To offer the industry it serves with:

- Knowledge / guidance on all aspects of 'built-in' fire protection
- Technical support / impartial advice
- Direction through industry authority

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FS 095 - 02 Hilti CP 674 – Rainscreen Bracket detail

Instructions for use

Data summary Additional Properties of CP 674 seals
Data summary CP 674 - Firestop Cavity closure - NBS specification clauses

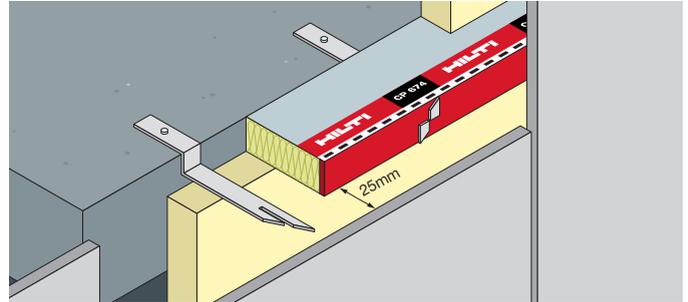
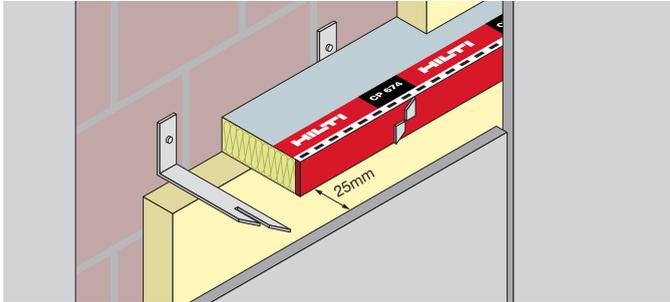
CAD files of the standard details FS ***-** can be downloaded from the technical library at www.hilt.co.uk/cfs

Revision History

May 2011 First release
May 2013 Update

Firestop cavity closure (for rainscreen/cladding systems) CP 674

An aluminium-faced cavity closer with mineral wool core and intumescent capabilities for sealing building envelope cavities to prevent the spread of fire



Applications

- Creating a barrier to fire in the cavity of "Rainscreen" cladding and façade systems for up to 30 minutes integrity and 30 minutes insulation, with versions for both vertical and horizontal applications

Advantages

- Age tests have shown good moisture resistance, with no significant or visible effect on the mineral wool, adhesive or intumescent strip
- All brackets are made from stainless steel (grade 304) - included
- Hilti offers a range of stainless steel (grade A4) fixings that provide the entire CP 674 system (not included)
- Tested in accordance with heat conditions given in BS 476 part 20
- Can be easily installed in accordance with CWCT fire resistance guidelines for cavity barriers with 30 minutes integrity and insulation
- Ventilated version allows air flow and drainage behind "Rainscreen" cladding panels (maximum gap of 25mm allowed)



CP 674 (ventilated)

Ordering

Order description	Package Quantity	Item number
FS cavity closure CP 674-V 41-46	48 pc	00231091
FS cavity closure CP 674-V 47-49	48 pc	00231094
FS cavity closure CP 674-V 50-55	48 pc	00231095
FS cavity closure CP 674-V 56-67	40 pc	00231096
FS cavity closure CP 674-V 68-72	32 pc	00231097
FS cavity closure CP 674-V 73-77	32 pc	00231098
FS cavity closure CP 674-V 78-85	32 pc	00231099
FS cavity closure CP 674-V 86-93	24 pc	00232060
FS cavity closure CP 674-V 94-102	24 pc	00232061
FS cavity closure CP 674-V 103-108	24 pc	00232062
FS cavity closure CP 674-V 109-121	22 pc	00232063
FS cavity closure CP 674-V 122-138	19 pc	00232064
FS cavity closure CP 674-V 139-150	18 pc	00232065
FS cavity closure CP 674-V 151-159	17 pc	00232066
FS cavity closure CP 674-V 160-188	14 pc	00232067
FS cavity closure CP 674-V 189-228	11 pc	00232068
FS cavity closure CP 674-V 229-240	11 pc	00232093
FS cavity closure CP 674-V 241-288	9 pc	00232272

CP 674 (non-ventilated)



Ordering

Order description	Package Quantity	Item number
FS cavity closure CP 674 NV 47-53	38 pc	00232521
FS cavity closure CP 674 NV 52-58	35 pc	00232522
FS cavity closure CP 674 NV 57-63	33 pc	00232526
FS cavity closure CP 674 NV 62-68	31 pc	00232529
FS cavity closure CP 674 NV 67-73	29 pc	00232538
FS cavity closure CP 674 NV 72-78	28 pc	00232539
FS cavity closure CP 674 NV 77-83	26 pc	00232541
FS cavity closure CP 674 NV 82-88	25 pc	00232542
FS cavity closure CP 674 NV 87-93	24 pc	00232544
FS cavity closure CP 674 NV 92-98	23 pc	00232545
FS cavity closure CP 674 NV 97-103	22 pc	00232546
FS cavity closure CP 674 NV 102-108	21 pc	00232581
FS cavity closure CP 674 NV 107-113	20 pc	00232657
FS cavity closure CP 674 NV 112-118	19 pc	00232663
FS cavity closure CP 674 NV 117-123	19 pc	00232751
FS cavity closure CP 674 NV 122-128	18 pc	00232794
FS cavity closure CP 674 NV 127-133	17 pc	00232876
FS cavity closure CP 674 NV 132-138	17 pc	00232877
FS cavity closure CP 674 NV 137-143	16 pc	00232879
FS cavity closure CP 674 NV 142-148	16 pc	00232880
FS cavity closure CP 674 NV 147-153	15 pc	00232881
FS cavity closure CP 674 NV 152-158	15 pc	00232882
FS cavity closure CP 674 NV 157-163	14 pc	00232883
FS cavity closure CP 674 NV 162-168	14 pc	00232884
FS cavity closure CP 674 NV 167-173	14 pc	00232885
FS cavity closure CP 674 NV 172-178	13 pc	00232886
FS cavity closure CP 674 NV 177-183	13 pc	00232887
FS cavity closure CP 674 NV 182-188	13 pc	00232888
FS cavity closure CP 674 NV 187-193	12 pc	00232889
FS cavity closure CP 674 NV 192-198	12 pc	00232890
FS cavity closure CP 674 NV 197-203	12 pc	00232891
FS cavity closure CP 674 NV 202-208	11 pc	00232892
FS cavity closure CP 674 NV 207-213	11 pc	00232893
FS cavity closure CP 674 NV 212-218	11 pc	00232894
FS cavity closure CP 674 NV 217-223	11 pc	00232895
FS cavity closure CP 674 NV 222-228	10 pc	00232896
FS cavity closure CP 674 NV 227-233	10 pc	00232897
FS cavity closure CP 674 NV 232-238	10 pc	00232898
FS cavity closure CP 674 NV 237-243	10 pc	00232899
FS cavity closure CP 674 NV 242-248	10 pc	00232900
FS cavity closure CP 674 NV 247-253	9 pc	00232901
FS cavity closure CP 674 NV 252-258	9 pc	00232902

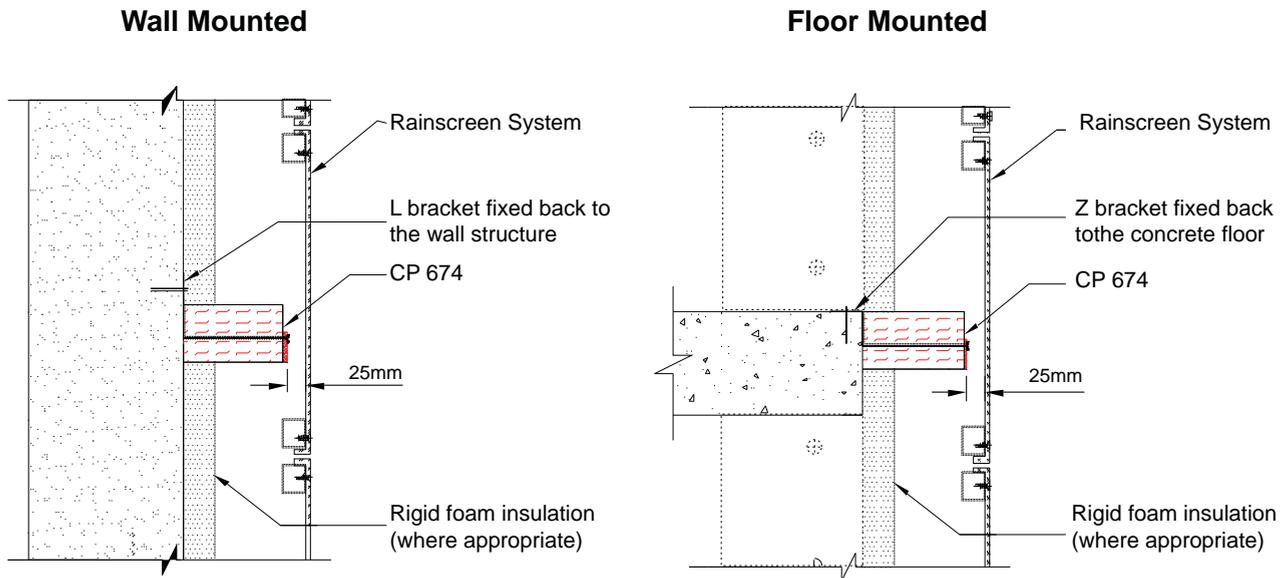
For installation instructions, MSDS (CoSHH), technical data and approvals, please visit www.hilti.co.uk/cfs

CP 674 (non-ventilated)



Order description	Package Quantity	Item number
FS cavity closure CP 674 NV 257-263	9 pc	00232903
FS cavity closure CP 674 NV 262-268	9 pc	00232904
FS cavity closure CP 674 NV 267-273	9 pc	00232905
FS cavity closure CP 674 NV 272-278	9 pc	00232906
FS cavity closure CP 674 NV 277-283	8 pc	00232907
FS cavity closure CP 674 NV 282-288	8 pc	00232908
FS cavity closure CP 674 NV 287-293	8 pc	00232909
FS cavity closure CP 674 NV 292-298	8 pc	00232910
FS cavity closure CP 674 NV 297-303	8 pc	00232911
FS cavity closure CP 674-NV 302-308	8 pc	00238021
FS cavity closure CP 674-NV 307-313	8 pc	00238022
FS cavity closure CP 674-NV 312-318	7 pc	00238023
FS cavity closure CP 674-NV 317-323	7 pc	00238024
FS cavity closure CP 674-NV 322-328	7 pc	00238025
FS cavity closure CP 674-NV 327-333	7 pc	00238026
FS cavity closure CP 674-NV 332-338	7 pc	00238027
FS cavity closure CP 674-NV 337-343	7 pc	00238028
FS cavity closure CP 674-NV 342-348	7 pc	00238029
FS cavity closure CP 674-NV 347-353	7 pc	00238030
FS cavity closure CP 674-NV 352-358	7 pc	00238031
FS cavity closure CP 674-NV 357-363	6 pc	00238032
FS cavity closure CP 674-NV 362-368	6 pc	00238033
FS cavity closure CP 674-NV 367-373	6 pc	00238034
FS cavity closure CP 674-NV 372-378	6 pc	00238035
FS cavity closure CP 674-NV 377-383	6 pc	00238036
FS cavity closure CP 674-NV 382-388	6 pc	00238037
FS cavity closure CP 674-NV 387-393	6 pc	00238038
FS cavity closure CP 674-NV 392-398	6 pc	00238039
FS cavity closure CP 674-NV 397-403	6 pc	00238040

Technical Information



For more standard details and technical information register online at the Hilti Firestop Design Centre at www.hilti.co.uk/cfs

Installation instructions CP 674

Notice

- Before handling, read Material Safety Data Sheet and product label for safe usage and health information.
- Instructions below are general guidelines

Installation of cavity closure

1. Surfaces Measure gap between the outer face of the building and the inner side of the cladding panel to determine the width of CP 674 V needed for ventilated facades, subtract 25 mm from the total gap size this width, it then called your fill size width, and you may need to trim the CP 674 V to make this size
2. Trim to create the correct size of Hilti cavity closer: Measure the fill size width from the front face of the CP 674 V (the front face is the section covered with red plastic). Mark a cutting line ready for trimming. Then, using a fine toothed saw, or a sharp knife, trim along the cutting line
3. Cut the bracket holes into front face of Hilti cavity closer using a sharp knife, pierce the intumescent strip on the front face of the CP 674 V (front face is the section with red plastic). Bracket hole height position is centrally into 75mm height of the mineral wool, which is approximately 35 mm - 40 mm from

each of the aluminium faces. Bracket hole length position, for 2 of the 3 brackets, is approximately 170 mm - 180 mm from the each end of the 1 m length. Bracket hole length position, for the 3rd bracket, is at the central point of 500 mm from the either end of the 1 m length

Additional Notes:

- To assist with measuring the length positions for the bracket holes, the black and white scale, on the top front face of CP 674 V, has 100 increments of 1 cm 3 brackets, per linear meter, are required to adequately secure the CP 674 V
- Bracket spacing, per linear meter, should be no greater than 340 mm
- 4: Select and create the correct bracket shape for fixing of Hilti cavity closer, bend the bracket into a Z or L configuration depending on whether it is fastened to top of a floor slab or to the outer face of the building.
 - 5: Assemble the correct bracket shape for fixing the Hilti cavity closer to the building: Insert fixing bracket from the back face of CP 674 V, and push split end of fixing bracket through bracket hole in the front face, that was made in step 3 (the back face is the bare mineral wool. The front

face is the section with red plastic, which has the bracket holes that were created in Step 3) Bend split ends into a butterfly configuration, with one tab facing up, and one tab facing down, to touch the front face of the CP 674 V.

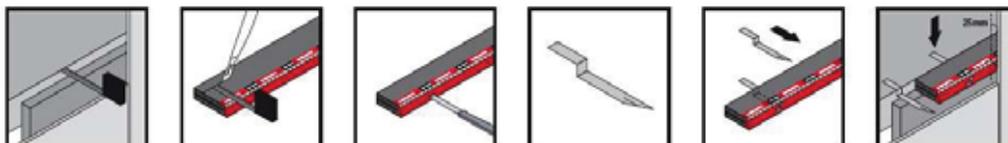
- 6: Anchor the bracket, and the Hilti cavity closer, to the building: Place CP 674 V, and bracket, in position and fix bracket to the face of the building, or the slab, with appropriate fire resistant Hilti A4 stainless steel fixing
- Close all gaps between each CP 674 V sections, and also close all gaps between the CP 674 V and the outside face of the building
- Seal gaps around brackets with CP 601S sealant where required tly.

Not for use

- In areas immersed in water
- On hot surfaces (above 176°F)

Storage

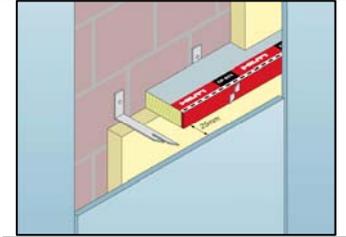
- Store only in the original packaging at temperatures 5°C to 25°C
- Observe expiry date on package



1: Measure 2: Trim 3: Cut 4: Select 5: Assemble 6: Anchor

Hilti CP 674 Ventilated rainscreen detail

APPLICATION



Cavity closer

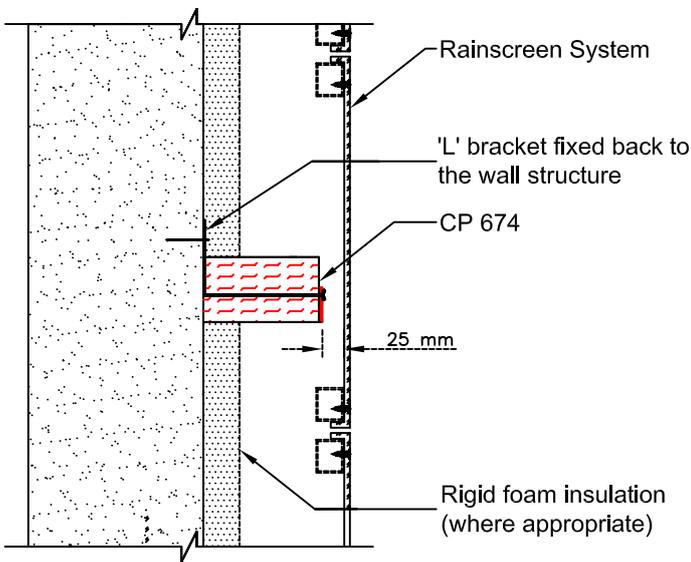
between

wall/floor & Rainscreen

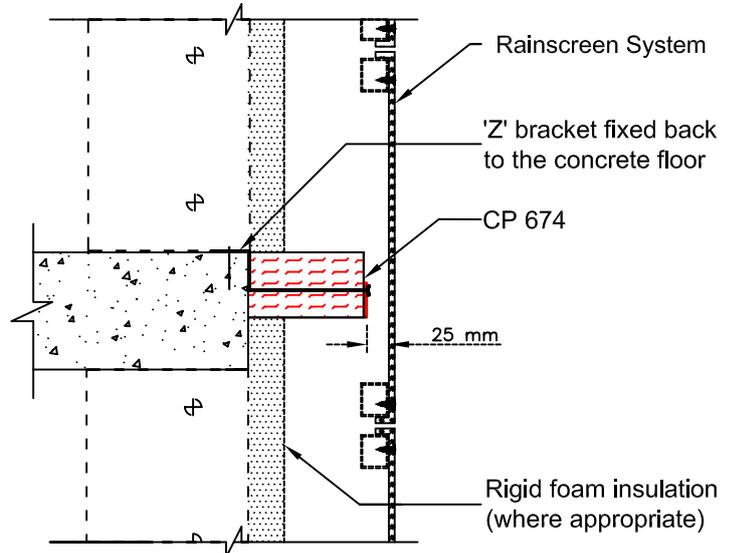
Test	Up to
Fire Integrity	30 Minutes
Age Testing	30 years

Approvals
BS476 pt 20

Wall mounted



Floor mounted



1: Age tests have shown good moisture resistance, with no significant, or visible effect, to the mineral wool, adhesive, or intumescent strip, and therefore, the CP 674 Cavity Closer has an expected lifespan, for cavity facade applications, of 30 years. (please refer to MBA BS report #s3252/317/09 & 3274/148/09)

2: Hilti has a range of stainless steel (grade A4) fixings available, to provide an expected lifespan, of the entire CP 674 system, of 30 years. For more information, please refer to CP 674 support bracket detail, and the CP 674 installation guideline.

3: All brackets are made from stainless steel (grade 304), and therefore, the CP 674 bracket has an expected lifespan of 30 years

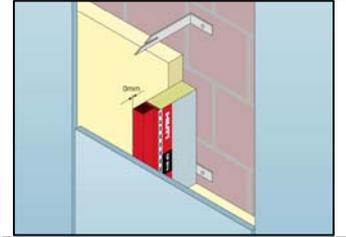
The above applications are not exhaustive. For further details please contact

1. The application limits on this detail are for guidance purposes only. For more detailed information on the full range of available test results please contact a Hilti Firestop Specialist on 0800 886100.
2. The product and application has been fire tested as a minimum to BS 476. It may have additional European and worldwide testing. Please contact Hilti for further information.
3. All installations should be carried out in accordance with Hilti's installation instructions, by competent, experienced installers using Hilti branded products.

02.11.09	Drawn by	R Wakefield	FS	093	Issue	02
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Hilti CP 674 Non-ventilated rainscreen seal

APPLICATION



Cavity closer

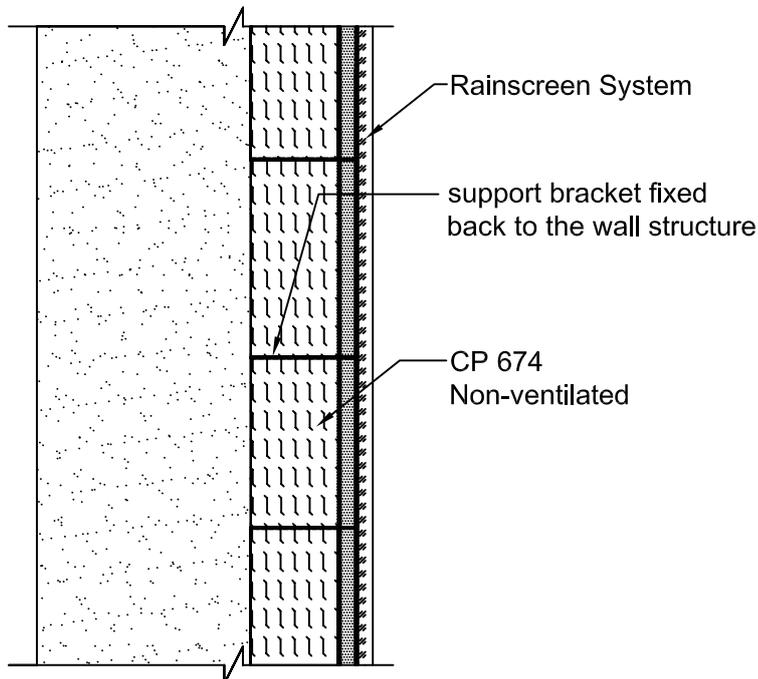
between

Wall & Rainscreen

Test	Up to
Fire Integrity	120 Minutes
Age Testing	30 years

Approvals
BS476 pt 20

Wall mounted non ventilated



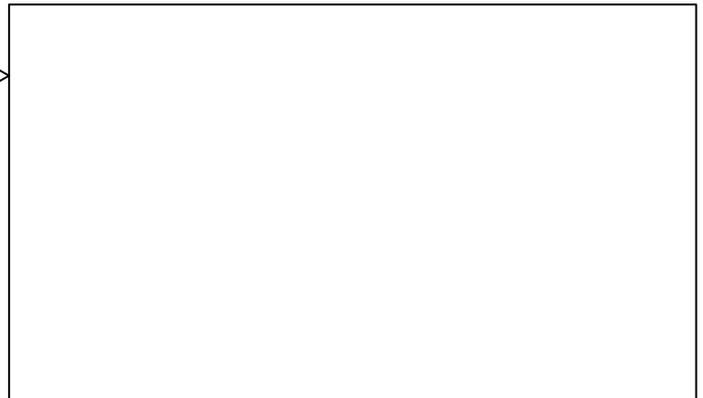
1: Age tests have shown good moisture resistance, with no significant, or visible effect, to the mineral wool, adhesive, or intumescent strip, and therefore, the CP 674 Cavity Closer has an expected lifespan, for cavity facade applications, of 30 years. (please refer to MBA BS report #s3252/317/09 & 3274/148/09)

2: Hilti has a range of stainless steel (grade A4) fixings available, to provide an expected lifespan, of the entire CP 674 system, of 30 years. For more information, please refer to CP 674 support bracket detail, and the CP 674 installation guideline.

3: All brackets are made from stainless steel (grade 304), and therefore, the CP 674 bracket has an expected lifespan of 30 years

The above applications are not exhaustive. For further details please contact

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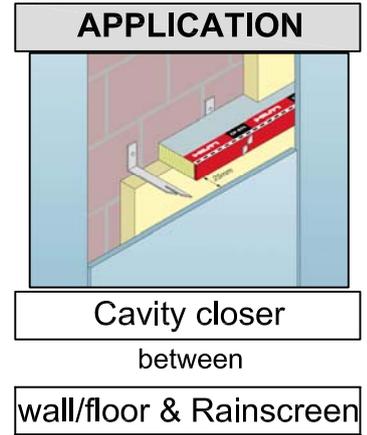


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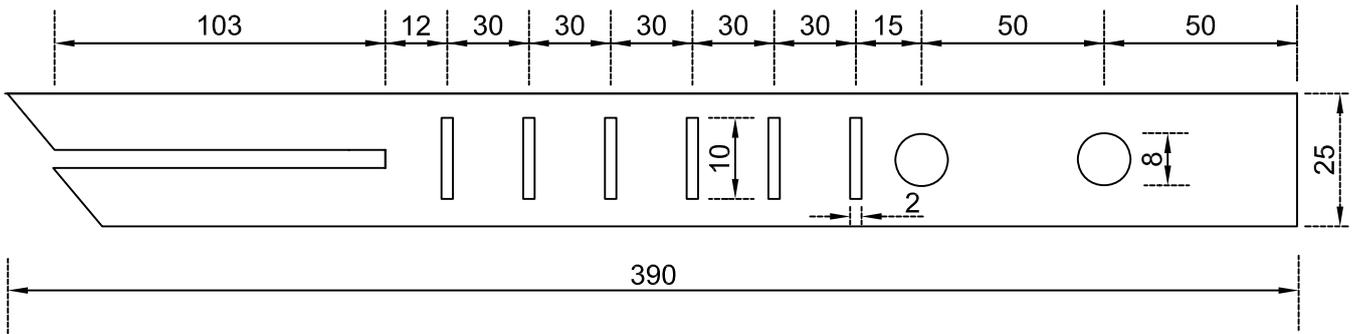
Hilti CP 674 support bracket detail

Test	Up to
Fire Integrity	30 Minutes
Age Testing	30 years

Approvals
BS476 pt 20



CP 674 Rainscreen fixing bracket detail 0.9 mm Stainless Steel (304)



All dimensions in mm
NOT TO SCALE

- 1: Expected lifespan of brackets is 30 years, which is based on the characteristics of “304” Stainless Steel.
- 2: Expected lifespan statements for this bracket only apply if used with Hilti “A4” Stainless Steel Anchoring Systems. (includes Hilti X-CR Direct Fastening System installed in accordance with Hilti fastening guidelines)

The above applications are not exhaustive. For further details please contact

1. The application limits on this detail are for guidance purposes only. For more detailed information on the full range of available test results please contact a Hilti Firestop Specialist on 0800 886100.
2. The product and application has been fire tested as a minimum to BS 476. It may have additional European and worldwide testing. Please contact Hilti for further information.
3. All installations should be carried out in accordance with Hilti's installation instructions, by competent, experienced installers using Hilti branded products.



02.11.09	Drawn by	R Wakefield	FS	095	Issue	02
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Instructions for use of CP 674 V cavity closer – for ventilated facades:

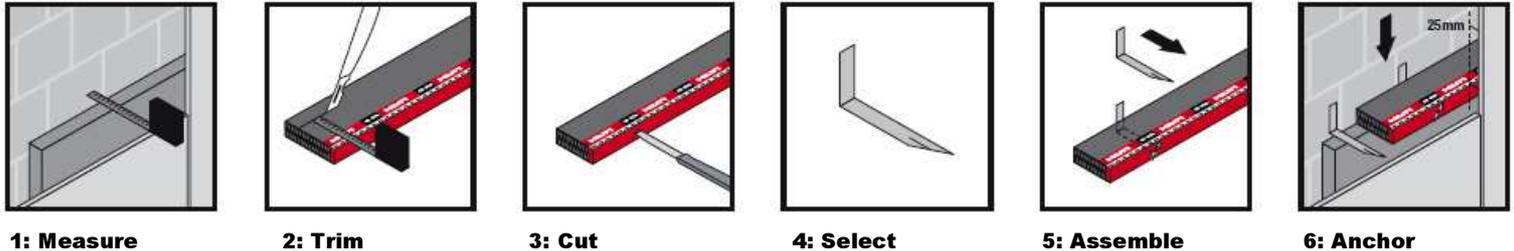
For use with “Rainscreen” cladding facades with gaps of 25mm or less

General installation instructions:

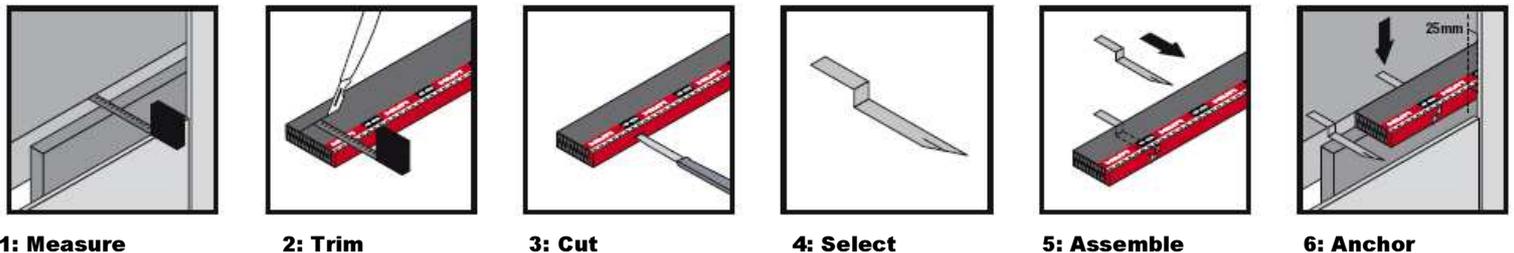
Before handling the CP 674 cavity closer sections, read the Material Safety Data Sheet, which outlines health and safety guidelines for handling the product. To ensure a tight fit to the building, the surfaces of all components of the CP 674 cavity closer must be clean, dry, and free from oil and dust.

Assembly of CP 674 V (ventilated) cavity closer:

APPLICATION 1: Assembly of CP 674 V (ventilated): Anchored onto a vertical concrete wall, or masonry wall:



APPLICATION 2: Assembly of CP 674 V (ventilated): Anchored onto the top of the floor slab:



APPLICATION 3: Assembly of CP 674 V (ventilated): Anchored onto a vertical edge of the floor slab: Contact Hilti Engineering

1: Measure to determine the correct size of Hilti cavity closer:

Measure gap between the outer face of the building and the inner side of the cladding panel. To determine the width of CP 674 V needed for ventilated facades, subtract 25 mm from the total gap size. This width, it then called your “fill size width”, and you may need to trim the CP 674 V to make this size.

2: Trim to create the correct size of Hilti cavity closer:

Measure the “fill size width” from the front face of the CP 674 V (the front face is the section covered with red plastic) Mark a cutting line ready for trimming. Then, using a fine toothed saw, or a sharp knife, trim along the cutting line.

3: Cut the bracket holes into front face of Hilti cavity closer:

Using a sharp knife, pierce the intumescent strip on the front face of the CP 674 V (front face is the section with red plastic) Bracket hole height position is centrally into 75mm height of the mineral wool, which is approximately 35 mm – 40 mm from each of the aluminium faces. Bracket hole length position, for 2 of the 3 brackets, is approximately 170 mm - 180 mm from the each end of the 1 m length. Bracket hole length position, for the 3rd bracket, is at the central point of 500 mm from the either end of the 1 m length.

Additional Notes:

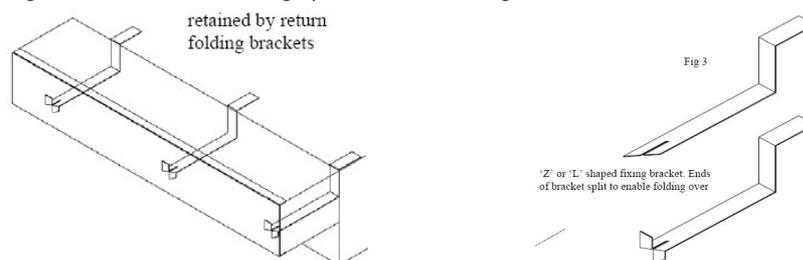
To assist with measuring the length positions for the bracket holes, the black and white scale, on the top front face of CP 674 V, has 100 increments of 1 cm. 3 brackets, per linear meter, are required to adequately secure the CP 674 V. Bracket spacing, per linear meter, should be no greater than 340 mm.

4: Select and create the correct bracket shape for fixing of Hilti cavity closer:

Bend the bracket into a ‘Z’ or ‘L’ configuration depending on whether it is fastened to top of a floor slab or to the outer face of the building.

5: Assemble the correct bracket shape for fixing the Hilti cavity closer to the building:

Insert fixing bracket from the back face of CP 674 V, and push split end of fixing bracket through bracket hole in the front face, that was made in step 3 (the back face is the bare mineral wool. The front face is the section with red plastic, which has the bracket holes that were created in Step 3) Bend split ends into a “butterfly” configuration, with one tab facing up, and one tab facing down, to touch the front face of the CP 674 V. **See pictures below:**

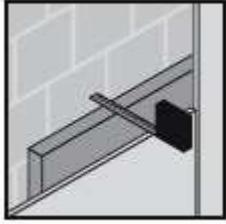


6: Anchor the bracket, and the Hilti cavity closer, to the building:

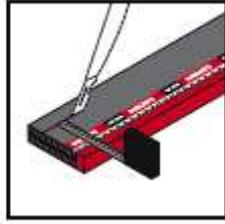
Place CP 674 V, and bracket, in position and fix bracket to the face of the building, or the slab, with appropriate fire resistant Hilti “A4” stainless steel fixing. Close all gaps between each CP 674 V sections, and also close all gaps between the CP 674 V and the outside face of the building. Seal gaps around brackets with CP 601S sealant where required.

Assembly of CP 674 NV (non-ventilated):

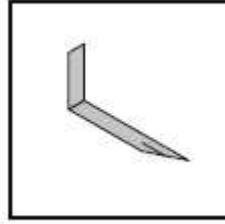
APPLICATION 1: Assembly of CP 674 NV (non-ventilated): Anchored onto a vertical concrete wall, or masonry wall: (horizontally)



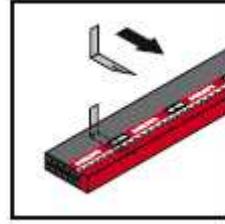
1: Measure



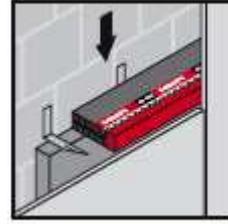
2: Trim



3: Select

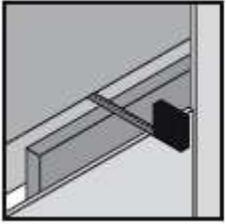


4: Assemble



5: Anchor

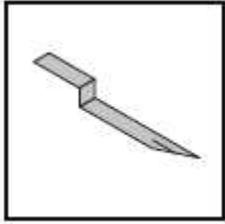
APPLICATION 2: Assembly of CP 674 NV (non-ventilated): Anchored onto the top of the floor slab:



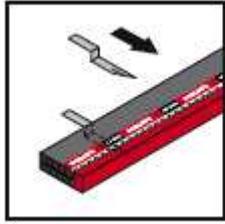
1: Measure



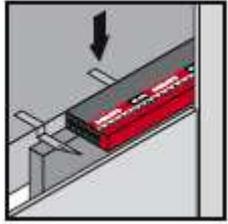
2: Trim



3: Select

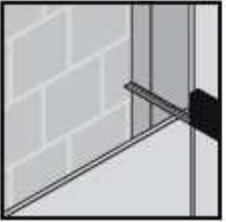


4: Assemble

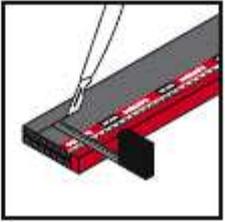


5: Anchor

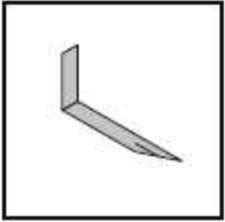
APPLICATION 3: Assembly of CP 674 NV (non-ventilated): Anchored onto a vertical concrete wall, or masonry wall: (vertically)



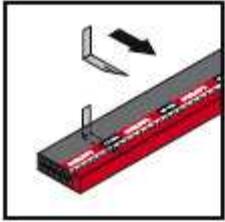
1: Measure



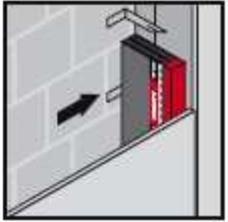
2: Trim



3: Select



4: Assemble



5: Anchor

APPLICATION 4: Assembly of CP 674 NV (non-ventilated): Anchored onto a vertical edge of the floor slab: Contact Hilti Engineering

1: Measure to determine the correct size of Hilti cavity closer:

Measure gap between the outer face of the building and the inner side of the cladding panel

This width, it then called your "fill size width", and you may need to trim the CP 674 NV to make this size

2: Trim to create the correct size of Hilti cavity closer:

Measure the "fill size width" from the front face of the CP 674 NV (the front face is the section covered with red plastic)

Mark a cutting line ready for trimming. Then, using a fine toothed saw, or a sharp knife, trim along the cutting line

3: Select and create the correct bracket shape for fixing of Hilti cavity closer:

Bend the bracket into a 'Z' or 'L' configuration depending on whether it is fastened to top of a floor slab or to the outer face of the building

4: Assemble the correct bracket shape for fixing the Hilti cavity closer to the building:

Bracket height position is centrally into 75mm height of the mineral wool, which is approximately 35 mm – 40 mm from each of the aluminium faces

Insert fixing bracket from the back face of CP 674 NV and embed to 75% of the "fill size width" of the CP 674 NV (the back face is the bare mineral wool)

Bracket length position, for the 2 brackets, is approximately 220 mm - 230 mm from the each end of the 1 m length

Additional Notes:

To assist with measuring the length positions for the bracket holes, the black and white scale, on the top front face of CP 674 NV, has 100 increments of 1 cm

2 brackets, per linear meter, are required to adequately secure the CP 674 NV

Bracket spacing, per linear meter, should be no greater than 550 mm

5: Anchor the bracket, and the Hilti cavity closer, to the building:

Place CP 674 NV, and bracket, in position and fix bracket to the face of the building, or the slab, with appropriate fire resistant Hilti "A4" stainless steel fixing

Close all gaps between each CP 674 NV sections, and also close all gaps between the CP 674 NV and the outside face of the building

Seal gaps around brackets with CP 601S sealant where required

General storage and safety precautions:

Store all CP 674 cavity closer sections in a dry area, under protective cover, and in their original containers

Wear suitable protective clothing and gloves. Read the Material Safety Data Sheet, which outlines health and safety guidelines for handling the product

For further assembly instructions, or specific anchoring recommendations, please consult Hilti GB Customer Services as below:

Hilti. Outperform. Outlast.

Hilti (Gt. Britain) Limited | 1 Trafford Wharf Road | Trafford Park | Manchester M17 1BY

Freephone: 0800 886 100 | Freefax: 0800 886 200 | www.hilti.co.uk

Hilti (Fastening Systems) Limited | Unit C4 | North City Business Park | Finglas | Dublin 11

CallSave: 1-850-287-387 | Freefax: 1-800-654-600 | www.hilti.ie

Additional Properties of CP 674 Firestop Cavity closure System

Property	Test regime	Notes	
Fire	BS 476 - 20		✓
Acoustic	EN ISO 20 140-10: 1992	Dnw	NR
	BS EN ISO 140-3:1995	Rw	NR
Ageing	DAfSTB		✓
	Fire test after ageing		✓
Water resistance	Rain Resistance		✓
	Water tightness	UL 1479	NR
Chemical Resistance	Contact Hilti Technical Advisory Service with details of type, concentration, duration and ambient temperature of exposure conditions		

N.R Not relevant
✓ Meets standard

CP 674 Firestop Cavity closure System - NBS specification clauses

This page is to be used in conjunction with the NBS Specification clauses in the introduction to the Hilti Firestop Specifiers Binder.

Application: Firestopping of cavities within Rainscreen Cladding systems

H92 Rainscreen Cladding

490 CAVITY FIRE BARRIERS

- Intumescent Graphite/mineral wool based barrier seal fixed with stainless steel brackets
- To be tested to BS 476-20 modified for a ventilated barrier and must resist the passage of fire and smoke for 30 minutes minimum
- To provide 25 mm air gap for ventilation on installation
- Age tested as defined in the DafStb guidelines, with subsequent fire testing.
- Manufacturer: Hilti (Gt Britain) Ltd, 1Trafford Wharf Road, Manchester M17 1BY, Tel no 0800 886 100, Fax 0800 886 200. Website www.hilti.co.uk.
- Product Reference: **CP 674V Ventilated Cavity Barrier**

490A CAVITY FIRE BARRIERS

- Mineral wool based barrier seal fixed with galvanised steel brackets for sealing cavities in cladding and raised floors
- To be tested to BS 476-20 and must resist the passage of fire and smoke for 30 minutes minimum
- Age tested as defined in the DafStb guidelines, with subsequent fire testing.
- Manufacturer: Hilti (Gt Britain) Ltd, 1Trafford Wharf Road, Manchester M17 1BY, Tel no 0800 886 100, Fax 0800 886 200. Website www.hilti.co.uk.
- Product Reference: **CP 674NV Non- Ventilated Cavity Barrier**

Visit our web site at www.Hilti.co.uk/cfs to access our **Firestop Design Centre**

Penetration product selector	Other product features	Joints product selector
		
<p>Interactive product selector for firestopping openings through walls and floors</p>	<p>Find out more about the benefits of using Hilti firestop systems</p>	<p>Interactive product selector for wall to wall, top of wall, curtain wall, floor to floor and floor to wall applications.</p>

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