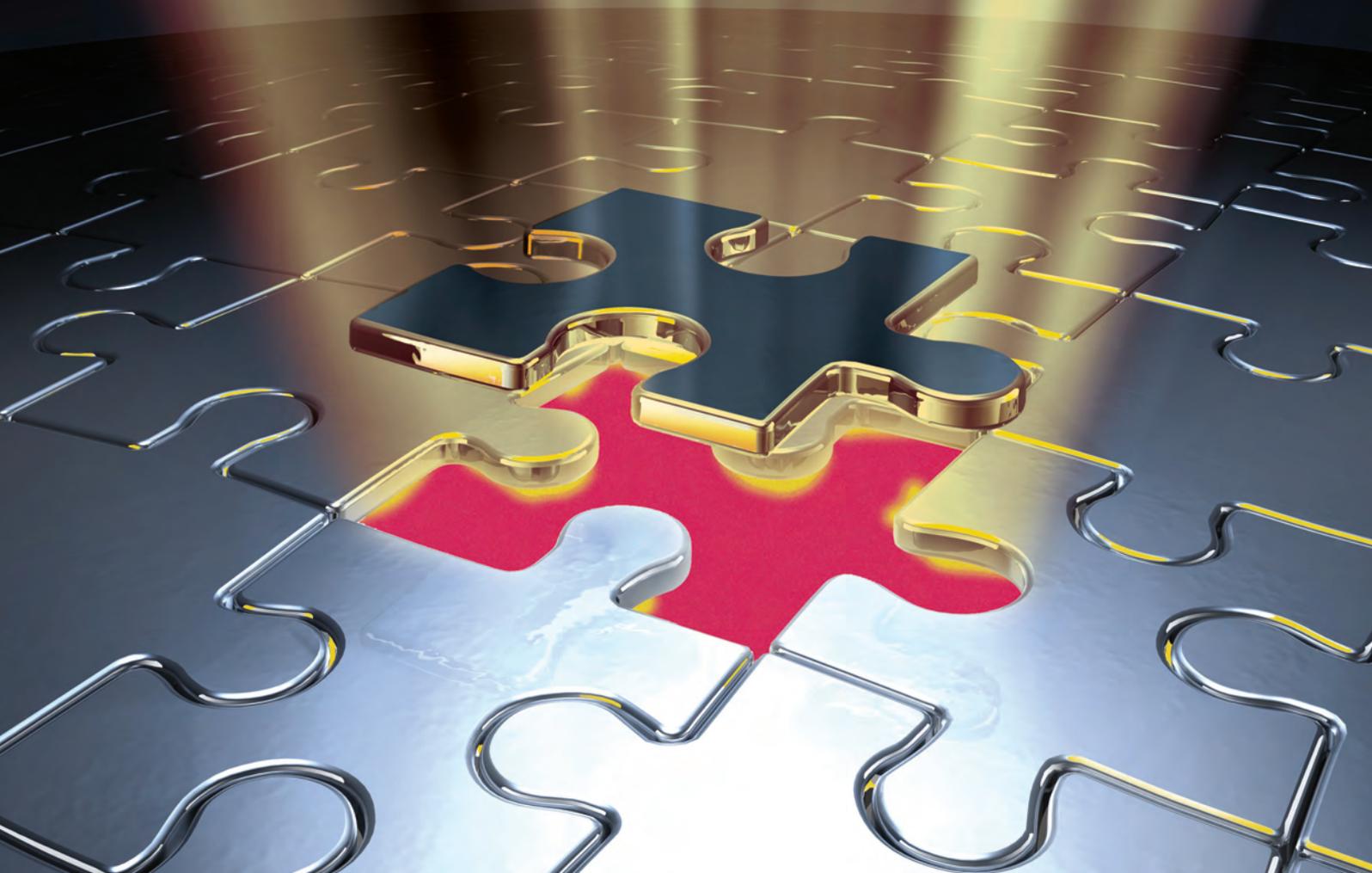


March 2017

WEMICO

External Wall Insulation Solutions



WEMICO

WESTERN EXPANDED METAL INDUSTRIES COMPANY LIMITED

Wemico is a market leader in the manufacture and supply of beads and profiles for the External Wall Insulation market. Being part of the Protektor Group of companies, Wemico offers the highest standards of knowledge and service.

Working closely with system designers, Wemico have developed a new range of products that tackle the issues of cold bridging and weathering. This brochure also shows a variety of solutions designed to help improve problem areas within External Wall Insulation Systems. The aim is to assist the contractor by creating robust details which improve the system and enhance performance. These products will also simplify the installation process and reduce maintenance.

A professional sales and technical team are on hand to offer advice.

All the drawings and information in this brochure are for illustration purposes only and they are not a technical installation guide. Please contact your system designer, structural engineer or architect for detailed installation advice.

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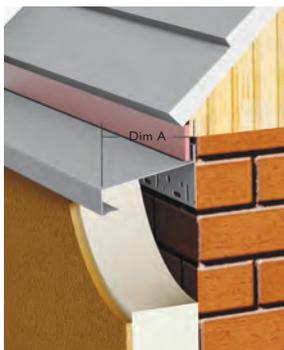
www.wemico.com



March 2017

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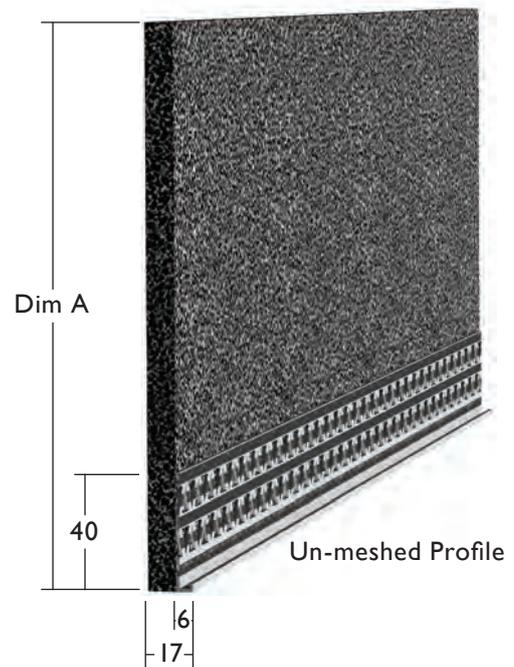
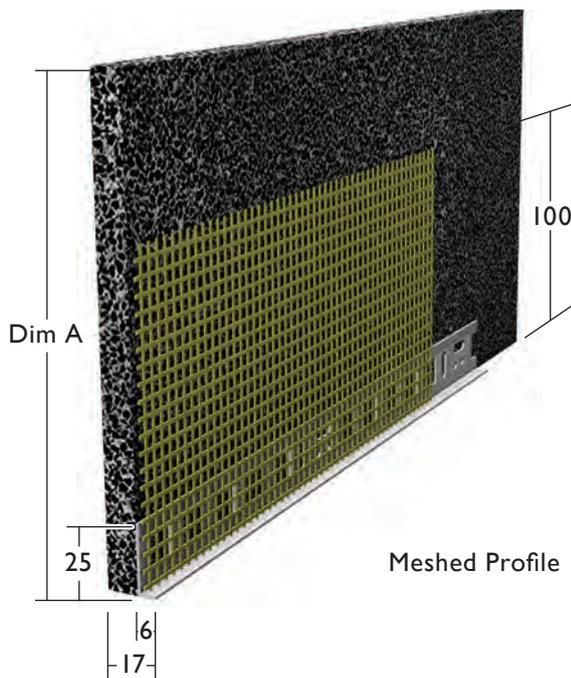
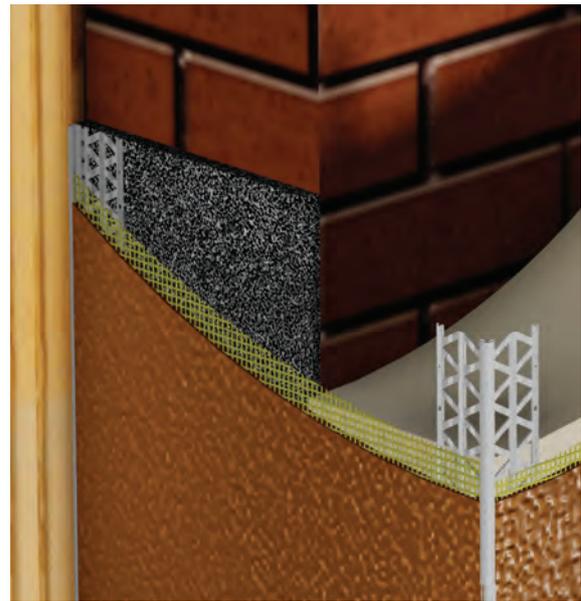
Thermo-Pro Bead

Thermo-Bead is a cost-effective and ultra-thin wall insulation solution for dealing with cold bridging at external window reveals.

Thermo-Bead stop profile accommodates 6mm render and is backed with 10mm high performance Spaceloft insulation. The overall depth is 17mm and this slim insulation solution integrates seamlessly into most window reveals without interfering with the window.

Thermo-Bead ensures there are no thermal breaks in the external wall insulation system and helps to prevent cold bridging issues that can cause mould over a period of time.

Thermo-Bead can be manufactured with other size stop profiles upon request.



Calculated ψ -Values for Thermo-Bead

| | EWIS Insulation between 90mm - 160mm | | EWIS Insulation between 161mm - 230mm | | EWIS Insulation between 231mm - 300mm | |
|----------------|--------------------------------------|--------------|---------------------------------------|--------------|---------------------------------------|--------------|
| | ψ - Value (W/m ² K) | Temp. Factor | ψ - Value (W/m ² K) | Temp. Factor | ψ - Value (W/m ² K) | Temp. Factor |
| No Thermo-Bead | 1.006 | 0.71 | 1.025 | 0.71 | 1.036 | 0.71 |
| Thermo-Bead | 0.208 | 0.93 | 0.218 | 0.93 | 0.223 | 0.93 |

Note: All values are in W/m²K

| CODE | Render Depth | Meshed | Length | Dim A |
|--------------|--------------|--------|--------|-------|
| TPB10/6/50 | 6mm | | 2500mm | 50mm |
| TPB10/6/75 | 6mm | | 2500mm | 75mm |
| TPB10/6/100 | 6mm | | 2500mm | 100mm |
| TPB10/6/120 | 6mm | | 2500mm | 120mm |
| TPB10/6/140 | 6mm | | 2500mm | 140mm |
| TPBM10/6/50 | 6mm | ● | 2500mm | 50mm |
| TPBM10/6/75 | 6mm | ● | 2500mm | 75mm |
| TPBM10/6/100 | 6mm | ● | 2500mm | 100mm |
| TPBM10/6/120 | 6mm | ● | 2500mm | 120mm |
| TPBM10/6/140 | 6mm | ● | 2500mm | 140mm |

Thermo-Pro Flash

Thermo-Flash has been developed to prevent cold bridging in hard to insulate areas.

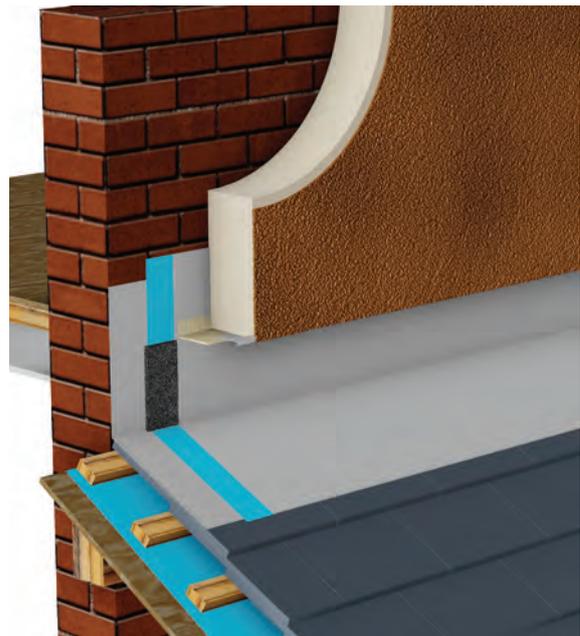
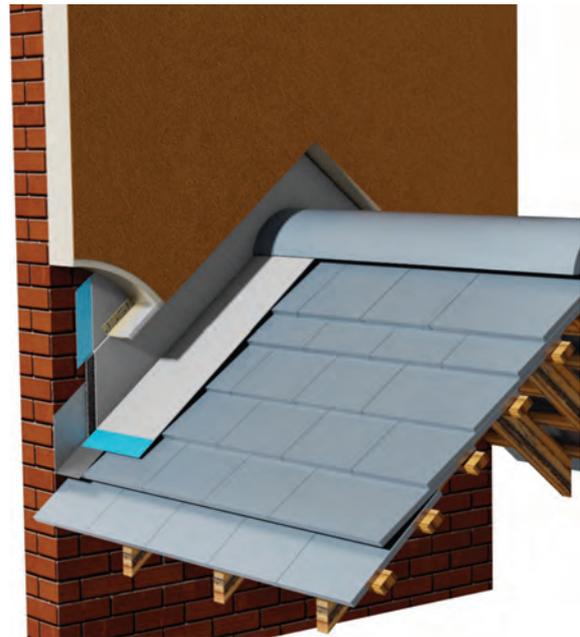
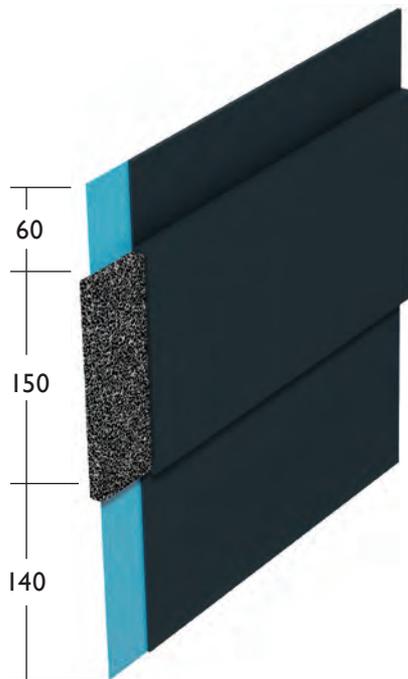
Cold bridging can lead to discolouration of the walls arising from cold and damp patches that overtime can lead to the growth of mould. Thermo Flash is designed to prevent cold spots and prevent damp issues.

The solution comprises of 10mm high performance Spaceloft insulation wrapped in a VCL that is bonded onto self-adhesive Aluflash.

Thermo Flash is quick and easy to use and helps to enhance the performance of EWI systems on new and retrofit systems.

KEY AREAS OF USE

- Connecting wall and roof junctions
- Parapet roofs
- Bay windows



| CODE | Length |
|------|--------|
| TPFL | 2500mm |

Thermo-Flash - GB Patent Pending. I22071.I

Thermo-Pro Trac

Designed to reduce cold-bridging at the base of the system and currently manufactured to order. The profile is bonded to rigid extruded polystyrene insulation (xps).

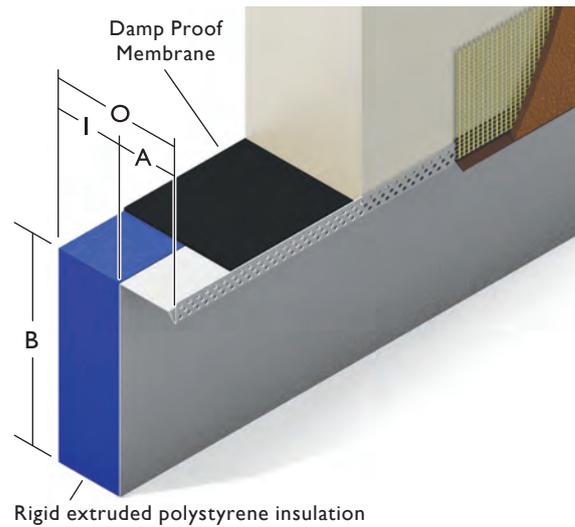
KEY ADVANTAGES

- Elimination of cold bridging
- Aesthetically pleasing
- Easy to install
- Easy to clean

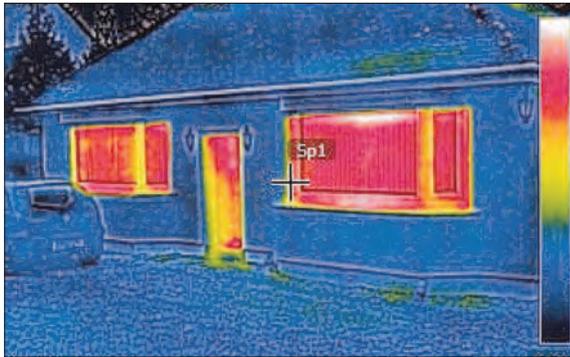
Internal and external pre-formed corners are available.

Made from 1.2mm pre-coated aluminium.

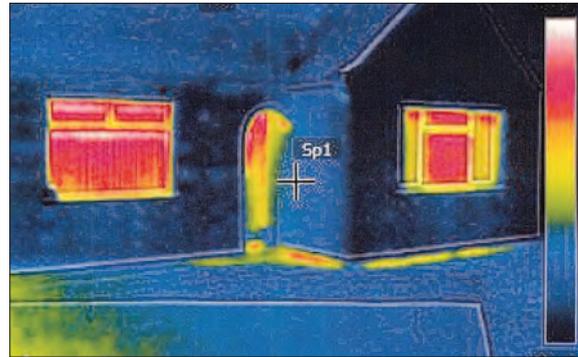
Also available in different gauge materials and RAL colours.



INSULATED



UN-INSULATED



Calculated ψ -Values for Thermo-Trac

| | Floor U-Value between 0.08 and 0.11 W/m ² K ⁻¹ | | Floor U-Value between 0.08 and 0.11 W/m ² K ⁻² | | Floor U-Value between 0.08 and 0.11 W/m ² K ⁻² | |
|----------------|--|--------------|--|--------------|--|--------------|
| | ψ - Value (W/m ² K ⁻¹) | Temp. Factor | ψ - Value (W/m ² K ⁻¹) | Temp. Factor | ψ - Value (W/m ² K ⁻¹) | Temp. Factor |
| No Thermo-Trac | 1.515 | 0.59 | 1.487 | 0.59 | 1.426 | 0.59 |
| Thermo-Trac | 1.304 | 0.64 | 1.269 | 0.64 | 1.189 | 0.65 |

Note: All values are in W/m²K⁻¹

Thermo-trac - GB Patent No. 2528659

STRAIGHT SECTION

| Pre-coated White Alum | Dim O | Dim A | Dim I | Dim B | Length |
|-----------------------|-------|-------|-------|-------|--------|
| TPT/80 | 80mm | 40mm | 40mm | 150mm | 2500mm |
| TPT/90 | 90mm | 40mm | 50mm | 150mm | 2500mm |
| TPT/100 | 100mm | 40mm | 60mm | 150mm | 2500mm |
| TPT/110 | 110mm | 40mm | 70mm | 150mm | 2500mm |
| TPT/120 | 120mm | 40mm | 80mm | 150mm | 2500mm |
| TPT/130 | 130mm | 40mm | 90mm | 150mm | 2500mm |
| TPT/140 | 140mm | 40mm | 100mm | 150mm | 2500mm |
| TPT/150 | 150mm | 40mm | 110mm | 150mm | 2500mm |
| TPT/160 | 160mm | 40mm | 120mm | 150mm | 2500mm |
| TPT/170 | 170mm | 40mm | 130mm | 150mm | 2500mm |
| TPT/180 | 180mm | 40mm | 140mm | 150mm | 2500mm |
| TPT/190 | 190mm | 40mm | 150mm | 150mm | 2500mm |
| TPT/200 | 200mm | 40mm | 160mm | 150mm | 2500mm |

EXTERNAL CORNER

| Pre-coated White Alum | Dim O |
|-----------------------|-------|
| TPT-EXT/80 | 80mm |
| TPT-EXT/90 | 90mm |
| TPT-EXT/100 | 100mm |
| TPT-EXT/110 | 110mm |
| TPT-EXT/120 | 120mm |
| TPT-EXT/130 | 130mm |
| TPT-EXT/140 | 140mm |
| TPT-EXT/150 | 150mm |
| TPT-EXT/160 | 160mm |
| TPT-EXT/170 | 170mm |
| TPT-EXT/180 | 180mm |
| TPT-EXT/190 | 190mm |
| TPT-EXT/200 | 200mm |

INTERNAL CORNER

| Pre-coated White Alum | Dim O |
|-----------------------|-------|
| TPT-INT/80 | 80mm |
| TPT-INT/90 | 90mm |
| TPT-INT/100 | 100mm |
| TPT-INT/110 | 110mm |
| TPT-INT/120 | 120mm |
| TPT-INT/130 | 130mm |
| TPT-INT/140 | 140mm |
| TPT-INT/150 | 150mm |
| TPT-INT/160 | 160mm |
| TPT-INT/170 | 170mm |
| TPT-INT/180 | 180mm |
| TPT-INT/190 | 190mm |
| TPT-INT/200 | 200mm |

JOINTS

| Pre-coated White Alum | Pre-coated White Alum |
|-----------------------|-----------------------|
| TPT-J/80 | TPT-CAP/80 |
| TPT-J/90 | TPT-CAP/90 |
| TPT-J/100 | TPT-CAP/100 |
| TPT-J/110 | TPT-CAP/110 |
| TPT-J/120 | TPT-CAP/120 |
| TPT-J/130 | TPT-CAP/130 |
| TPT-J/140 | TPT-CAP/140 |
| TPT-J/150 | TPT-CAP/150 |
| TPT-J/160 | TPT-CAP/160 |
| TPT-J/170 | TPT-CAP/170 |
| TPT-J/180 | TPT-CAP/180 |
| TPT-J/190 | TPT-CAP/190 |
| TPT-J/200 | TPT-CAP/200 |

END CAPS

Thermo-Pro Insulated Soil Pipe Flashing

Provides a weather-tight and thermal bridging solution for components that are difficult or too costly to move to the front of the insulation system.

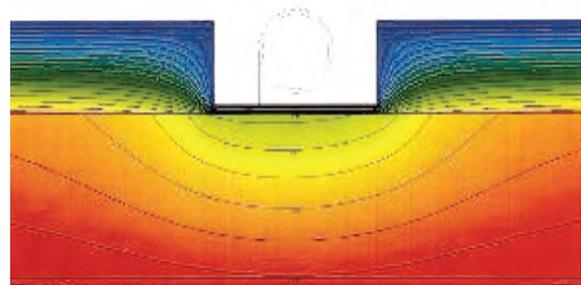
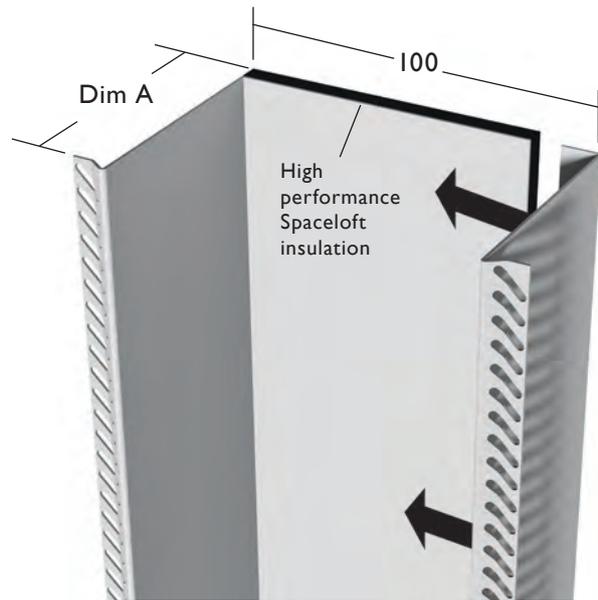
The insulated soil pipe flashing is insulated with 10mm foil faced high performance aerogel and is capped with an aluminium custom made profile to suit your requirements.

OTHER APPLICATIONS

- Gutter pipe
- Gate posts
- Fence posts

Made from 1.2mm pre-coated aluminium.

Also available in different gauge materials and RAL colours.



Calculated ψ -Values for Thermo-Flash Soil Pipe

| | EWIS Insulation of less than or equal to 160mm | | EWIS Insulation between 161mm - 230mm | | EWIS Insulation between 231mm - 300mm | |
|----------------|--|--------------|--|--------------|--|--------------|
| | ψ - Value (W/m ² K ⁻¹) | Temp. Factor | ψ - Value (W/m ² K ⁻¹) | Temp. Factor | ψ - Value (W/m ² K ⁻¹) | Temp. Factor |
| No Thermo-Bead | 2.57 | 0.64 | 2.63 | 0.64 | 2.66 | 0.64 |
| Thermo-Bead | 0.66 | 0.9 | 0.6 | 0.9 | 0.63 | 0.91 |

Note: All values are in W/m²K⁻¹

THERMO-FLASH Profile length: 2500mm

| Pre-coated White Alum | Render Depth | Dim A |
|-----------------------|--------------|-------|
| TPSP/80 | 6mm | 80mm |
| TPSP/90 | 6mm | 90mm |
| TPSP/100 | 6mm | 100mm |
| TPSP/110 | 6mm | 110mm |
| TPSP/120 | 6mm | 120mm |
| TPSP/130 | 6mm | 130mm |
| TPSP/140 | 6mm | 140mm |
| TPSP/150 | 6mm | 150mm |
| TPSP/160 | 6mm | 160mm |
| TPSP/170 | 6mm | 170mm |
| TPSP/180 | 6mm | 180mm |
| TPSP/190 | 6mm | 190mm |
| TPSP/200 | 6mm | 200mm |

Thermo-Flash - GB Patent Pending. I22071.1

Thermo-Pro Fascia

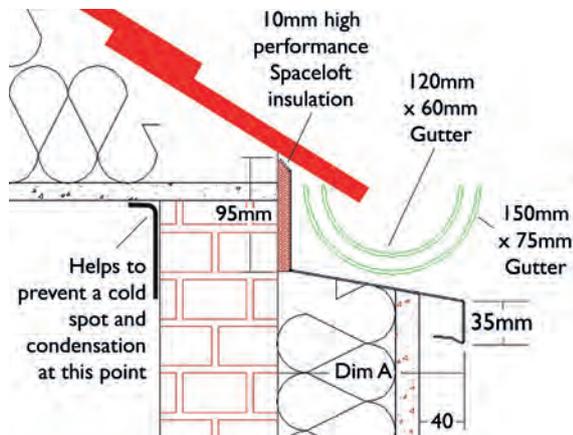
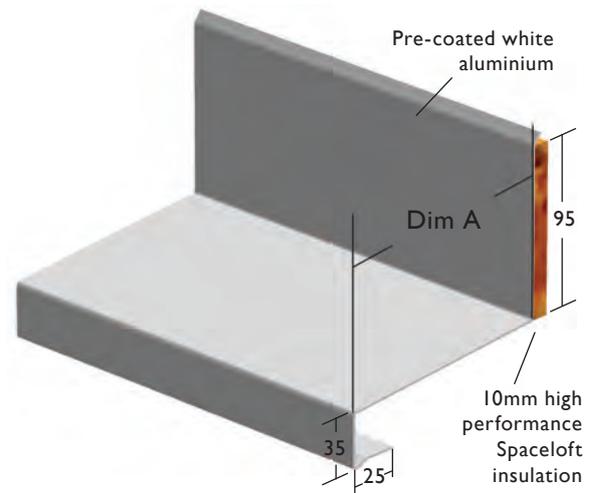
Thermo-Pro Fascia is an insulated gutter trim, used to insulate at roof level in the absence of a soffit on the property.

The existing gutter will need to be removed temporarily to allow the flashing to be installed.

If the gutter is in poor condition we would recommend replacing it to protect the new system.

Installing this insulated profile dramatically reduces any risk of condensation and also reduces the linear thermal transmittance.

The interior temperature at this location is increased and will help to improve the living conditions and create a healthier indoor environment.



Made from 1.2mm pre-coated white aluminium.

Also available in different gauge materials and RAL colours.

Calculated ψ -Values for Thermo-Pro Fascia

| | EWIS Insulation between 90 - 160mm | | EWIS Insulation between 161 - 230mm | | EWIS Insulation between 231 - 300mm | |
|----------------------|--|--------------|--|--------------|--|--------------|
| | ψ - Value (W/m ² K ⁻¹) | Temp. Factor | ψ - Value (W/m ² K ⁻¹) | Temp. Factor | ψ - Value (W/m ² K ⁻¹) | Temp. Factor |
| No Thermo-Pro Fascia | 1.033 | 0.67 | 1.055 | 0.68 | 1.067 | 0.68 |
| Thermo-Pro Fascia | 0.419 | 0.85 | 0.435 | 0.87 | 0.444 | 0.88 |

Note: All values are in W/m²K⁻¹

STRAIGHT SECTION

| Pre-coated White Alum | Dim A | Complete System Size | Length |
|-----------------------|-------|----------------------|--------|
| TPF/100 | 100mm | 60mm | 2500mm |
| TPF/110 | 110mm | 70mm | 2500mm |
| TPF/120 | 120mm | 80mm | 2500mm |
| TPF/130 | 130mm | 90mm | 2500mm |
| TPF/140 | 140mm | 100mm | 2500mm |
| TPF/150 | 150mm | 110mm | 2500mm |
| TPF/160 | 160mm | 120mm | 2500mm |
| TPF/170 | 170mm | 130mm | 2500mm |
| TPF/180 | 180mm | 140mm | 2500mm |
| TPF/190 | 190mm | 150mm | 2500mm |
| TPF/200 | 200mm | 160mm | 2500mm |
| TPF/210 | 210mm | 170mm | 2500mm |
| TPF/220 | 220mm | 180mm | 2500mm |
| TPF/230 | 230mm | 190mm | 2500mm |
| TPF/240 | 240mm | 200mm | 2500mm |

EXTERNAL CORNER 90 DEGREE

| Pre-coated White Alum | Dim A |
|-----------------------|-------|
| TPF-EXT/100 | 100mm |
| TPF-EXT/110 | 110mm |
| TPF-EXT/120 | 120mm |
| TPF-EXT/130 | 130mm |
| TPF-EXT/140 | 140mm |
| TPF-EXT/150 | 150mm |
| TPF-EXT/160 | 160mm |
| TPF-EXT/170 | 170mm |
| TPF-EXT/180 | 180mm |
| TPF-EXT/190 | 190mm |
| TPF-EXT/200 | 200mm |
| TPF-EXT/210 | 210mm |
| TPF-EXT/220 | 220mm |
| TPF-EXT/230 | 230mm |
| TPF-EXT/240 | 240mm |

INTERNAL CORNER 90 DEGREE

| Pre-coated White Alum | Dim A |
|-----------------------|-------|
| TPF-INT/100 | 100mm |
| TPF-INT/110 | 110mm |
| TPF-INT/120 | 120mm |
| TPF-INT/130 | 130mm |
| TPF-INT/140 | 140mm |
| TPF-INT/150 | 150mm |
| TPF-INT/160 | 160mm |
| TPF-INT/170 | 170mm |
| TPF-INT/180 | 180mm |
| TPF-INT/190 | 190mm |
| TPF-INT/200 | 200mm |
| TPF-INT/210 | 210mm |
| TPF-INT/220 | 220mm |
| TPF-INT/230 | 230mm |
| TPF-INT/240 | 240mm |

JOINTS

| Pre-coated White Alum | Dim A |
|-----------------------|-------|
| TPF-J/100 | 100mm |
| TPF-J/110 | 110mm |
| TPF-J/120 | 120mm |
| TPF-J/130 | 130mm |
| TPF-J/140 | 140mm |
| TPF-J/150 | 150mm |
| TPF-J/160 | 160mm |
| TPF-J/170 | 170mm |
| TPF-J/180 | 180mm |
| TPF-J/190 | 190mm |
| TPF-J/200 | 200mm |
| TPF-J/210 | 210mm |
| TPF-J/220 | 220mm |
| TPF-J/230 | 230mm |
| TPF-J/240 | 240mm |

END CAPS

| Pre-coated White Alum | Dim A |
|-----------------------|-------|
| EC-R771/100 | 100mm |
| EC-R771/110 | 110mm |
| EC-R771/120 | 120mm |
| EC-R771/130 | 130mm |
| EC-R771/140 | 140mm |
| EC-R771/150 | 150mm |
| EC-R771/160 | 160mm |
| EC-R771/170 | 170mm |
| EC-R771/180 | 180mm |
| EC-R771/190 | 190mm |
| EC-R771/200 | 200mm |
| EC-R771/210 | 210mm |
| EC-R771/220 | 220mm |
| EC-R771/230 | 230mm |
| EC-R771/240 | 240mm |

Thermo-Pro Rainwater Box

The new Thermo-Pro Rainwater Box utilises the existing guttering and drainage system.

By adding a swan neck junction, the downpipe can be moved to the front of the insulation system.

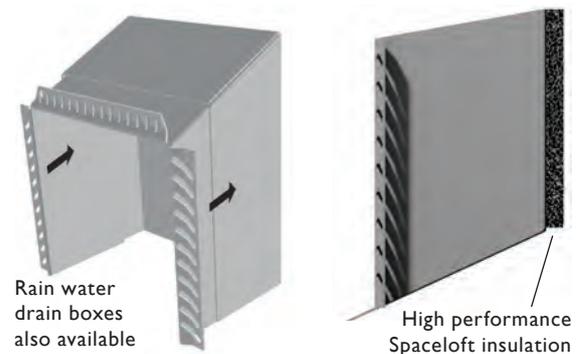
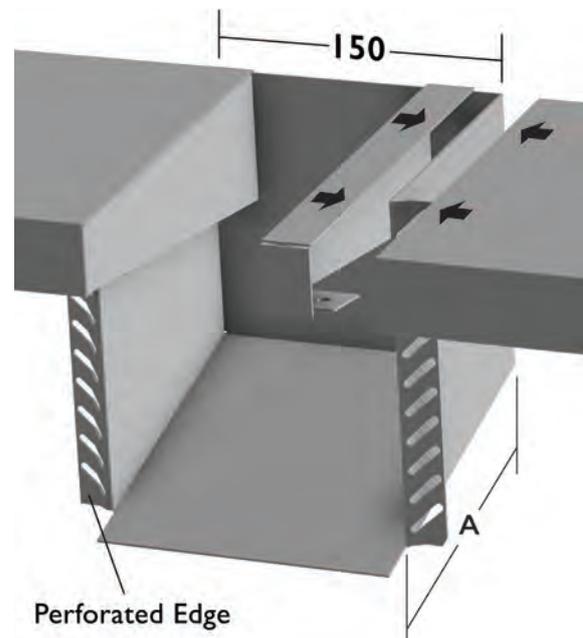
This product can be used with the Thermo-Pro Fascia (TPF) and verge trims.

The back of the box is insulated with a 10mm high performance Spaceloft insulation backing pad. This prevents cold spots and improves the thermal efficiency of the insulation system.

This product is also available without the 10mm aerogel backing pad.

A drainage box is also available.

Made from 1.2mm powder-coated aluminium.



European Patent No.: 2703574



INSULATED DOWN PIPE BOX

| CODE | Dim A | CODE | Dim A |
|---------|-------|---------|-------|
| TPR/50 | 50mm | TPR/130 | 130mm |
| TPR/60 | 60mm | TPR/140 | 140mm |
| TPR/70 | 70mm | TPR/150 | 150mm |
| TPR/80 | 80mm | TPR/160 | 160mm |
| TPR/90 | 90mm | TPR/170 | 170mm |
| TPR/100 | 100mm | TPR/180 | 180mm |
| TPR/110 | 110mm | TPR/190 | 190mm |
| TPR/120 | 120mm | TPR/200 | 200mm |

UN-INSULATED DOWN PIPE BOX

| CODE | Dim A | CODE | Dim A |
|--------|-------|--------|-------|
| DP/50 | 50mm | DP/130 | 130mm |
| DP/60 | 60mm | DP/140 | 140mm |
| DP/70 | 70mm | DP/150 | 150mm |
| DP/80 | 80mm | DP/160 | 160mm |
| DP/90 | 90mm | DP/170 | 170mm |
| DP/100 | 100mm | DP/180 | 180mm |
| DP/110 | 110mm | DP/190 | 190mm |
| DP/120 | 120mm | DP/200 | 200mm |

Thermo-Pro Insulated Flashings and Sills

Flashings and sills insulated with high performance Spaceloft insulation can be manufactured to suit customer requirements. Aerogel allows difficult areas to be insulated.



Render drip rails create a maintenance free weatherproof seal without the need of sealants.

Verge Trim with Upstand

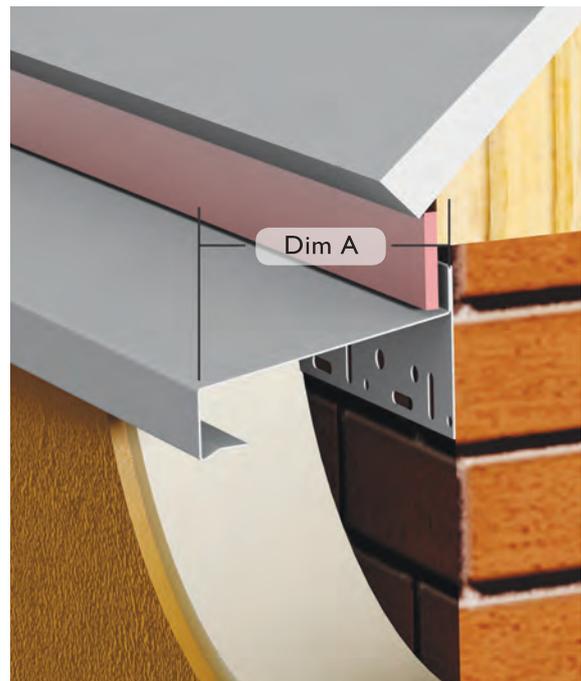
The WEC 791 profile has an up-stand that can be pushed under a barge board.

This reduces the need for a mastic seal and removes future maintenance issues.

This profile also has an increased drip section to improve visual appearance and a large front face to help prevent rain blowing up and soaking the insulation.

VERGE TRIM WITH UPSTAND Profile length: 2500mm

| CODE | DIM A | CODE | DIM A |
|-------------|-------|-------------|-------|
| WEC 791/50 | 50mm | WEC 791/130 | 130mm |
| WEC 791/60 | 60mm | WEC 791/140 | 140mm |
| WEC 791/70 | 70mm | WEC 791/150 | 150mm |
| WEC 791/80 | 80mm | WEC 791/160 | 160mm |
| WEC 791/90 | 90mm | WEC 791/170 | 170mm |
| WEC 791/100 | 100mm | WEC 791/180 | 180mm |
| WEC 791/110 | 110mm | WEC 791/190 | 190mm |
| WEC 791/120 | 120mm | WEC 791/200 | 200mm |



Manufactured in 1.2mm pre-coated white aluminium in 2500mm long lengths as standard. These profiles can also be powder coated to any standard RAL colour and manufactured in lengths up to 4000mm

Grind In Verge Trim

The WEC 781 is designed for use in situations where there are problems sealing the rear of the profile.

It is also a cost effective way to seal the system instead of increasing the roof line.

This profile also has an increased drip section to improve visual appearance and a large front face to help prevent the water blowing up and soaking the insulation.

GRIND IN VERGE TRIM Profile length: 2500mm

| CODE | DIM A | CODE | DIM A |
|-------------|-------|-------------|-------|
| WEC 781/50 | 50mm | WEC 781/130 | 130mm |
| WEC 781/60 | 60mm | WEC 781/140 | 140mm |
| WEC 781/70 | 70mm | WEC 781/150 | 150mm |
| WEC 781/80 | 80mm | WEC 781/160 | 160mm |
| WEC 781/90 | 90mm | WEC 781/170 | 170mm |
| WEC 781/100 | 100mm | WEC 781/180 | 180mm |
| WEC 781/110 | 110mm | WEC 781/190 | 190mm |
| WEC 781/120 | 120mm | WEC 781/200 | 200mm |



Apex System



The WEC 771 range of verge trims and apexes are designed to improve the weather tightness of the system and reduce the use of sealants and future maintenance issues.

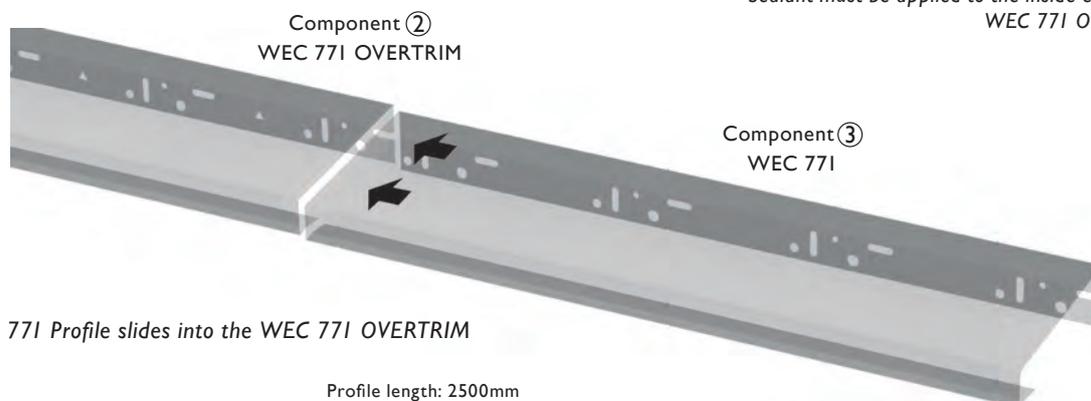
The system consists of 3 basic components:

- ① Apex profile (APEX TB) (APEX771/200)
- ② Over trim (WEC 771 OVERTRIM)
- ③ Verge trim (WEC 771)

The 3 components slide inside one another to create overlaps. All of the profiles are manufactured in 1.2mm pre-coated white aluminium, and can be manufactured to any standard RAL colour as required. Apex profiles are partly bent, and can be adjusted by bending them by hand to obtain the required angle to suit the application.



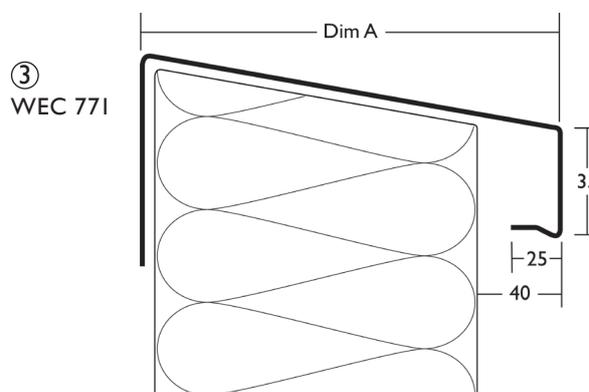
Sealant must be applied to the inside edge of the WEC 771 OVERTRIM.



WEC 771 Profile slides into the WEC 771 OVERTRIM

Profile length: 2500mm

| CODE Component 2 | DIM A | CODE Component 3 |
|----------------------|-------|------------------|
| WEC 771/50 OVERTRIM | 50mm | WEC 771/50 |
| WEC 771/60 OVERTRIM | 60mm | WEC 771/60 |
| WEC 771/70 OVERTRIM | 70mm | WEC 771/70 |
| WEC 771/80 OVERTRIM | 80mm | WEC 771/80 |
| WEC 771/90 OVERTRIM | 90mm | WEC 771/90 |
| WEC 771/100 OVERTRIM | 100mm | WEC 771/100 |
| WEC 771/110 OVERTRIM | 110mm | WEC 771/110 |
| WEC 771/120 OVERTRIM | 120mm | WEC 771/120 |
| WEC 771/130 OVERTRIM | 130mm | WEC 771/130 |
| WEC 771/140 OVERTRIM | 140mm | WEC 771/140 |
| WEC 771/150 OVERTRIM | 150mm | WEC 771/150 |
| WEC 771/160 OVERTRIM | 160mm | WEC 771/160 |
| WEC 771/170 OVERTRIM | 170mm | WEC 771/170 |
| WEC 771/180 OVERTRIM | 180mm | WEC 771/180 |
| WEC 771/190 OVERTRIM | 190mm | WEC 771/190 |
| WEC 771/200 OVERTRIM | 200mm | WEC 771/200 |



Adjustable Apex - 771 with Fixing Lugs

| CODE | PRODUCT TO SUIT |
|-----------------|----------------------|
| APEX TB 771/60 | WEC 771/60 OVERTRIM |
| APEX TB 771/70 | WEC 771/70 OVERTRIM |
| APEX TB 771/80 | WEC 771/780 OVERTRIM |
| APEX TB 771/90 | WEC 771/90 OVERTRIM |
| APEX TB 771/100 | WEC 771/100 OVERTRIM |
| APEX TB 771/110 | WEC 771/110 OVERTRIM |
| APEX TB 771/120 | WEC 771/120 OVERTRIM |
| APEX TB 771/130 | WEC 771/130 OVERTRIM |
| APEX TB 771/140 | WEC 771/140 OVERTRIM |
| APEX TB 771/150 | WEC 771/150 OVERTRIM |
| APEX TB 771/160 | WEC 771/160 OVERTRIM |
| APEX TB 771/170 | WEC 771/170 OVERTRIM |
| APEX TB 771/180 | WEC 771/180 OVERTRIM |
| APEX TB 771/190 | WEC 771/190 OVERTRIM |
| APEX TB 771/200 | WEC 771/200 OVERTRIM |

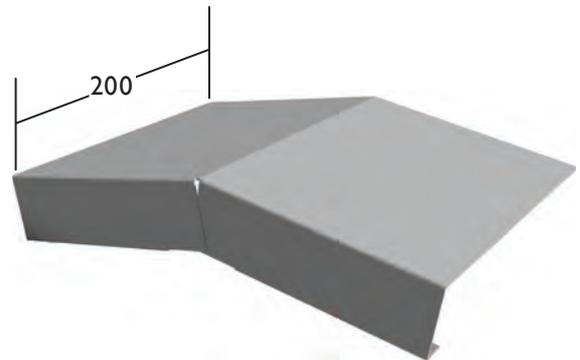


Adjustable Apex - 771/200

| APEX CODE | PRODUCT TO SUIT |
|--------------|------------------|
| APEX 771/200 | WEC 771 OVERTRIM |

This profile can be used with any WEC 771/ OVERTRIM up to 200mm.

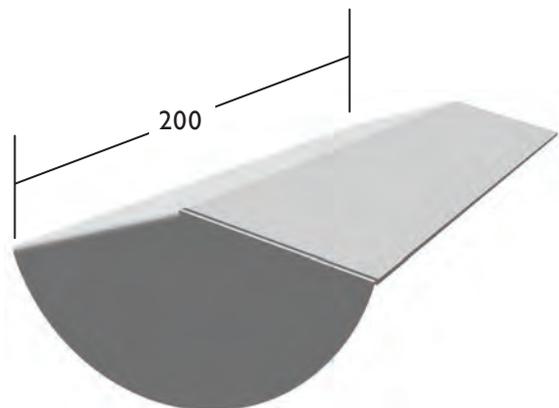
The back of this profile will need to be cut on site to the required length and bent by hand to the required angle.



Apex 200 Curved

| APEX CODE | PRODUCT TO SUIT |
|-----------|---------------------------|
| APEX 200 | WEC 721/30 TO WEC 721/200 |
| | WEC 741/30 TO WEC 741/200 |
| | WEC 761/30 TO WEC 761/200 |
| | WEC 771/30 TO WEC 771/200 |
| | WEC 781/30 TO WEC 781/200 |
| | WEC 791/30 TO WEC 791/200 |

The back of this profile will need to be cut on site to the required length and bent by hand to the required angle.



Corner Detail

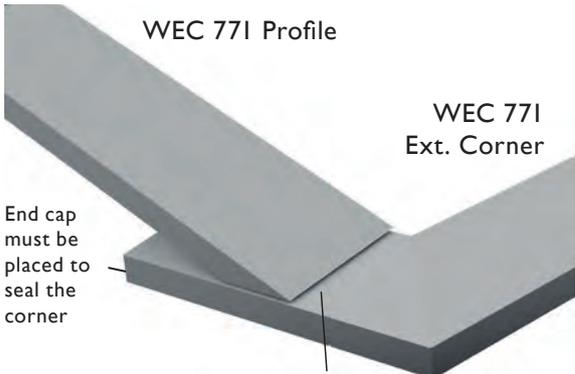
External corners can be manufactured to suit the required profile.

Corner sections should be used to create the weathering detail when two profiles need to intersect each other.

A gap of approximately 150mm is required between the end cap and the underside of the connecting profile. The corner profile might need to be trimmed to achieve this.

| CODE | PRODUCT TO SUIT |
|----------------|----------------------|
| CNREXT 771/60 | WEC 771/60 OVERTRIM |
| CNREXT 771/70 | WEC 771/70 OVERTRIM |
| CNREXT 771/80 | WEC 771/780 OVERTRIM |
| CNREXT 771/90 | WEC 771/90 OVERTRIM |
| CNREXT 771/100 | WEC 771/100 OVERTRIM |
| CNREXT 771/110 | WEC 771/110 OVERTRIM |
| CNREXT 771/120 | WEC 771/120 OVERTRIM |
| CNREXT 771/130 | WEC 771/130 OVERTRIM |

Corners for WEC741/ range also available.



The profile to be mitred to the same angle as the corner.

A gap of approximately 5mm should be left between the 2 profiles.

This will allow the profiles to expand and allow any trapped water to escape.



End Caps - Internal

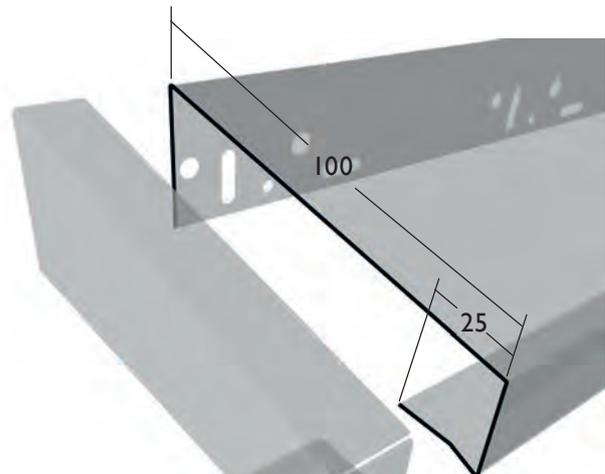
These end caps can be used with; WEC 771, WEC 781, WEC 791 and TPF range of profiles.

A good quality sealant must be applied to the inside of the profile before sliding the end cap into position.

Aluminium rivets should be used to secure the end cap in place.

Please contact us for more details.

| CODE | DIM A | CODE | DIM A |
|--------------|-------|--------------|-------|
| EC-R 771/50 | 50mm | EC-R 771/130 | 130mm |
| EC-R 771/60 | 60mm | EC-R 771/140 | 140mm |
| EC-R 771/70 | 70mm | EC-R 771/150 | 150mm |
| EC-R 771/80 | 80mm | EC-R 771/160 | 160mm |
| EC-R 771/90 | 90mm | EC-R 771/170 | 170mm |
| EC-R 771/100 | 100mm | EC-R 771/180 | 180mm |
| EC-R 771/110 | 110mm | EC-R 771/190 | 190mm |
| EC-R 771/120 | 120mm | EC-R 771/200 | 200mm |



The end cap slides into the WEC 771 profile.

Sealant must be applied to the inside edge of the WEC 771 profile.

End Caps - Over

Over end caps are a quick and convenient way to hide cut edges, if full lengths need to be trimmed to suit. Over end caps can be manufactured to suit any of our profiles.



End Caps - Render

Render end caps are a convenient way to aid the sealing of the system.



Under Sills with increased Drip

The profile has an increased drip section to improve visual appearance and a large front face to help prevent water blowing up and soaking the insulation. The new design of drip also allows the end caps to be riveted into position. Manufactured from 1.2mm pre-coated white aluminium, in lengths of 2500mm.

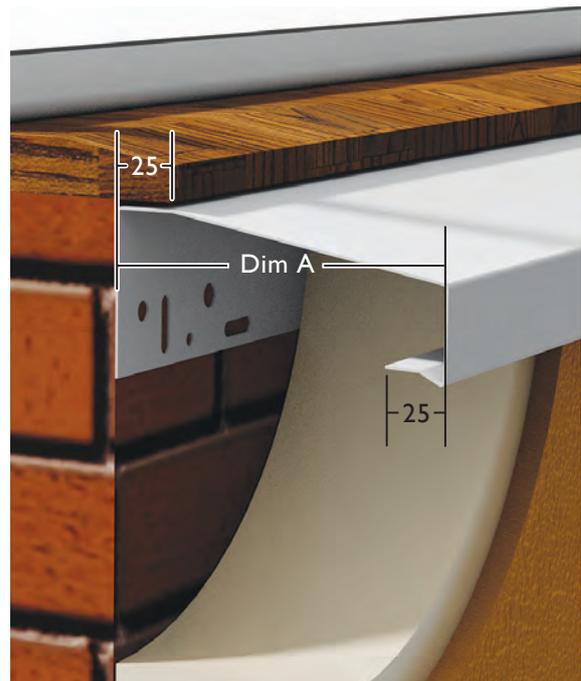
These profiles can also be powder coated to any standard RAL colour and manufactured in lengths up to 4000mm long.

NEW UNDER SILLS

Profile length: 2500mm

| CODE | DIM A | END CAP CODE |
|-------------|-------|--------------|
| WEC 732/60 | 60mm | EC-R732/60 |
| WEC 732/70 | 70mm | EC-R732/70 |
| WEC 732/80 | 80mm | EC-R732/80 |
| WEC 732/90 | 90mm | EC-R732/90 |
| WEC 732/100 | 100mm | EC-R732/100 |
| WEC 732/110 | 110mm | EC-R732/110 |
| WEC 732/120 | 120mm | EC-R732/120 |
| WEC 732/130 | 130mm | EC-R732/130 |
| WEC 732/140 | 140mm | EC-R732/140 |
| WEC 732/150 | 150mm | EC-R732/150 |
| WEC 732/160 | 160mm | EC-R732/160 |
| WEC 732/170 | 170mm | EC-R732/170 |
| WEC 732/180 | 180mm | EC-R732/180 |
| WEC 732/190 | 190mm | EC-R732/190 |
| WEC 732/200 | 200mm | EC-R732/200 |

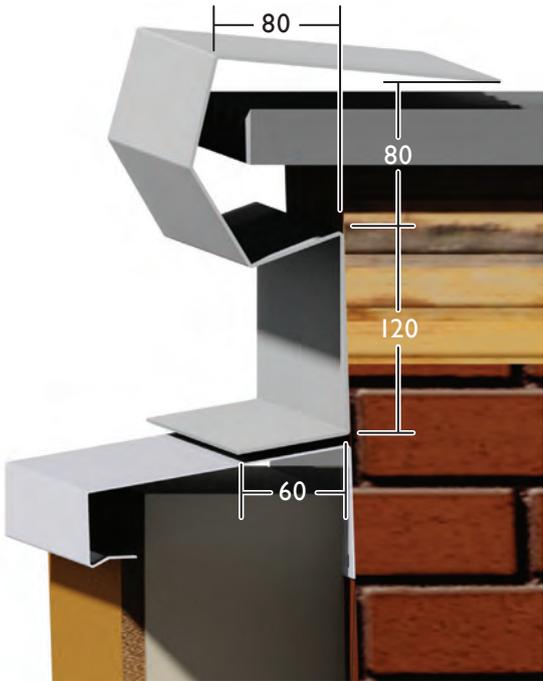
End caps are sold in pairs.



Roof Protection Profile

The roof tile trim is designed to protect and create a clean straight line against the roof. This profile must be used in conjunction with the WEC 771 or 741 profiles.

| CODE | LENGTH | |
|--------------|--------|-----------------------------|
| RTT 3MM/3000 | 3000mm | 3mm Aluminium powder coated |
| RTT 2MM/3000 | 3000mm | 2mm Aluminium powder coated |
| RTT 2MM/4000 | 4000mm | 2mm Aluminium powder coated |



Ventilated Base Rails

New regulations demand different air flow rates within the cavities of Timber and Steel Frame structures.

Two new product ranges have been introduced to overcome this issue with the addition of slots at the rear of the sections at different centres to facilitate the different airflow rates that are required.



BASE RAIL FOR TIMBER FRAME BUILDING WITH A CAVITY
Profile length: 2500mm

| CODE | DIM A |
|--------------|-------|
| 90905 TIMBER | 53mm |
| 90906 TIMBER | 63mm |
| 90907 TIMBER | 73mm |
| 90908 TIMBER | 83mm |
| 90909 TIMBER | 93mm |
| 90910 TIMBER | 103mm |
| 90911 TIMBER | 113mm |
| 90912 TIMBER | 123mm |
| 90913 TIMBER | 133mm |
| 90914 TIMBER | 143mm |
| 90915 TIMBER | 153mm |
| 90916 TIMBER | 163mm |
| 90917 TIMBER | 173mm |

Ventilation rate per metre length 735.07mm²

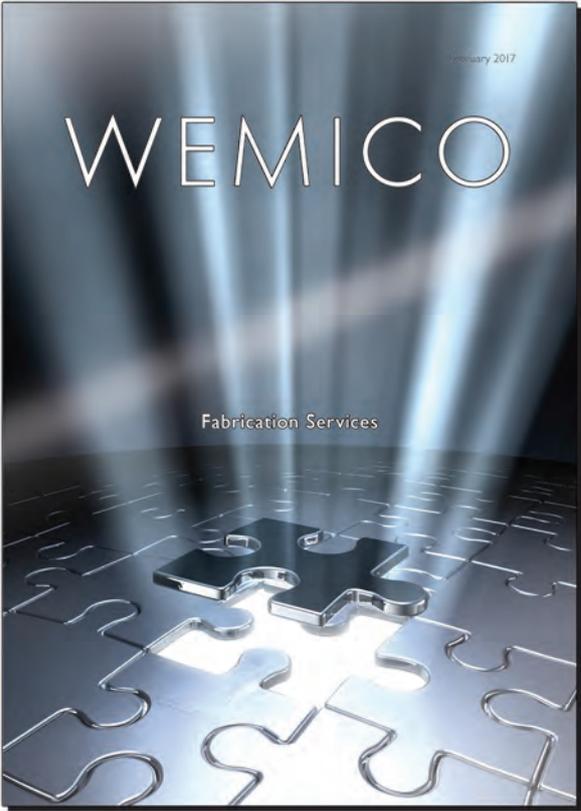
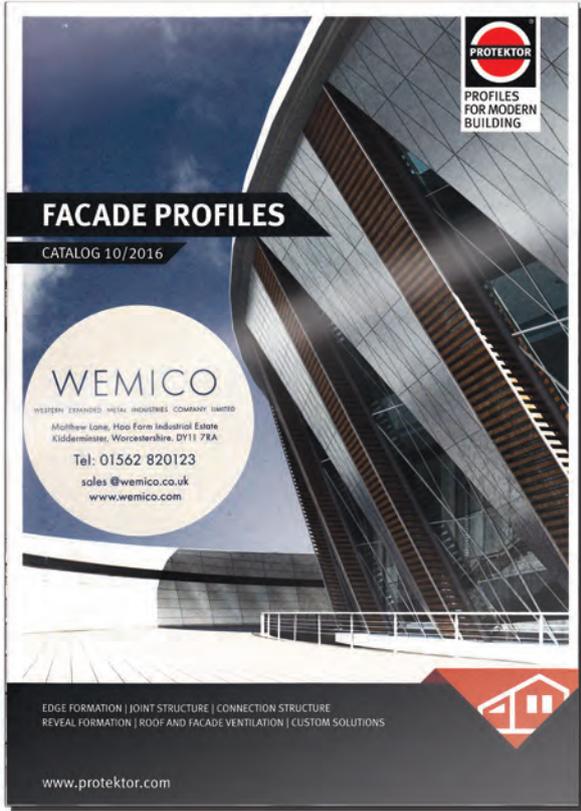
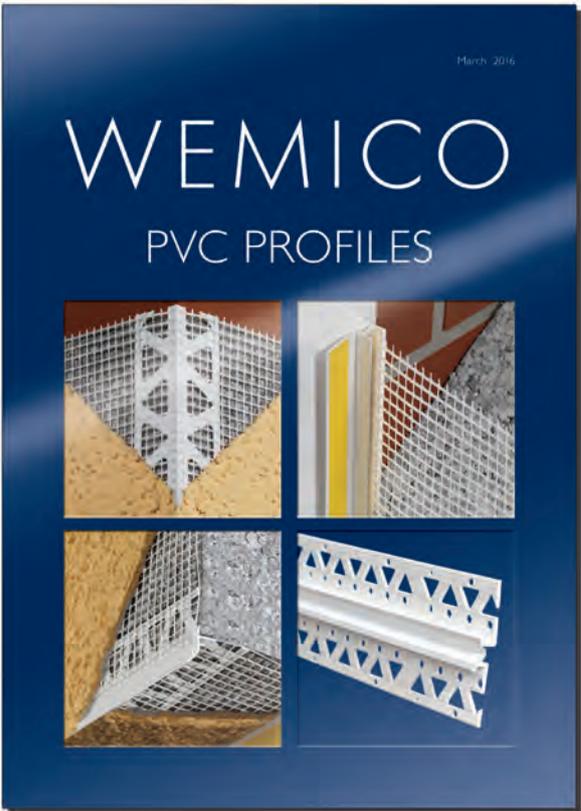
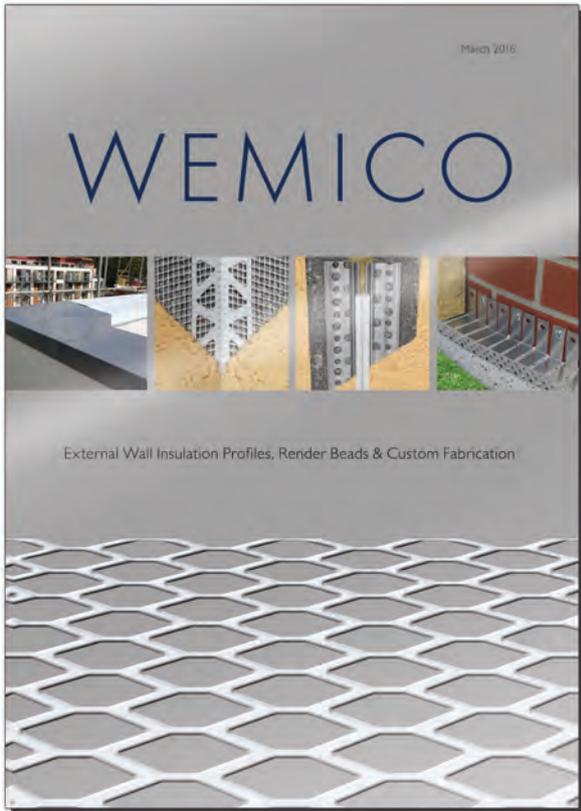
Larger sizes are available.

BASE RAIL FOR STEEL FRAME BUILDING WITH A CAVITY
Profile length: 2500mm

| CODE | DIM A |
|-------------|-------|
| 90905 STEEL | 53mm |
| 90906 STEEL | 63mm |
| 90907 STEEL | 73mm |
| 90908 STEEL | 83mm |
| 90909 STEEL | 93mm |
| 90910 STEEL | 103mm |
| 90911 STEEL | 113mm |
| 90912 STEEL | 123mm |
| 90913 STEEL | 133mm |
| 90914 STEEL | 143mm |
| 90915 STEEL | 153mm |
| 90916 STEEL | 163mm |
| 90917 STEEL | 173mm |

Ventilation rate per metre length 153.14mm²

The Wemico Brochure Range





WEMICO

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