

Concept™ Fascia

 STRATCO





A unique fascia that blends smooth modern curves with strength and practical design.

CRAFTED WITH STYLE

The trend setting contemporary style of Concept™ Fascia will set your home apart from the rest. Its smooth flowing lines and modern curves will accentuate the architecture of your home, giving it visual appeal and a fresh, uncluttered finish that only Concept Fascia can provide. The rounded base on Concept Fascia provides a smooth finish that is complimented by bold crafted stiffening ribs.

Concept Fascia is available in a full spectrum of colours to compliment your home and environment. Its clean, attractive curves will blend with both modern and heritage styled buildings. Installing Concept Fascia on a new or existing home is easy because the Concept Fascia System is compatible with normal building construction.

LASTING QUALITY

Unlike timber, the Stratco Concept Fascia System will provide a consistent, quality product that does not warp, knot or crack and will keep looking good for many years to come. Stratco Concept Fascia is manufactured from hi-tensile steel. It is engineered with stronger and deeper stiffening ribs to reduce rippling in the face of the fascia. Larger bend radii minimise the risk of micro paint cracking providing longer life. The extra width at the top of the Concept Fascia provides added stiffness, which assists in maintaining straightness and minimises bowing along the length of the fascia. This extra width provides better support for the back of the gutter and also makes the installation process easier. Concept Fascia has been designed to comply with the relevant standards.

ACCESSORIES

Concept Fascia is finished with die-cast internal and external corner mitres. They are designed to continue the smooth form of the fascia around the corners of the house and provide accurate angles that are easy to install.

A rollformed 100mm x 50mm downpipe with flutes that suit the fascia profile and provide additional stiffness is also available. Cast elbows make the installation quick and easy. In addition, a wide range of round, square and rectangular downpipes complete the package.

Stratco manufactures a wide range of gutters that are compatible with the Concept Fascia System. These include the OG, Quad, Smoothline® and Square gutters.



DESIGN CONSIDERATIONS

Concept™ Fascia and gutter system is compatible with normal building construction, and is suitable for use up to wind classification N3 (W41). Fascia brackets should be secured to rafters with at least three fasteners (only one fastener in a slotted hole). It is important that the building structure is sound, and that the installer takes adequate measures to ensure their safety when installing the product, particularly when two story construction is involved. Note that for a jack rafter to be considered as a support, it must be adequately connected to the hip rafter. Stratco recommends that eaves gutters receive a minimum 1 in 500 fall.

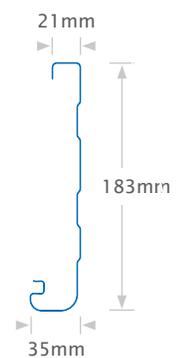
Fascia Support Spacing

Sheet roofing will require a purlin or batten immediately behind the fascia to support the sheet end span. Rafter brackets are required at maximum 1200mm centres for sheet roofing. The maximum support spacing for tile roofing is 600mm if the fascia is used to support tiles. If a tilt batten is used adjacent to the fascia to support the end tiles, rafter brackets are allowed at maximum 1200mm centres.

Material Compatibility

Drainage from copper or lead products (including roof flashings) should not be allowed to discharge on to zinc/alum or pre-painted steel components. Similarly, lead or copper components should not be installed in contact with zinc/alum steel. Each of these combinations will lead to premature corrosion.

Drainage from copper, zinc/alum and pre-painted steel, translucent (or other inert material) should not be allowed to discharge onto galvanised products.



BMT (mm) 0.42
Tensile (MPa) G550

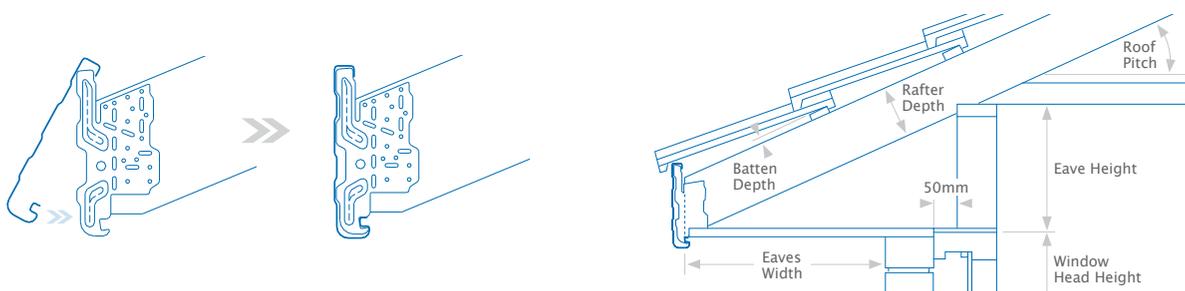
COMPONENTS

				
Concept Rafter Bracket	Barge Apex Cover	Barge Mould LH and RH	Stop End LH and RH	Joining Sleeve
				
90° External Mitre	90° Internal Mitre	135° External Mitre	135° Internal Mitre	Concept Suspension Clip



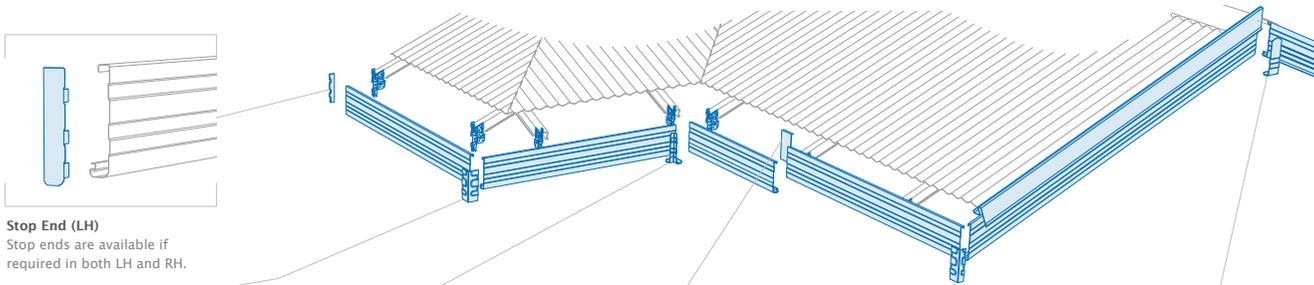
EAVES CONSTRUCTION

Concept Fascia is able to be used on all homes, and is easily set out and installed. After checking that foot and plumb cuts are correct, determine the eaves height by reference to the plan and location of soffit supports. The soffit usually finishes at the top of the window reveal, unless otherwise specified. The distance from the inside of the soffit groove in the bracket to the wall line is the eaves width. Using these two dimensions and a spirit level, rafter brackets at either end of the house can be located, with the remainder fitted in place using a string line and bevel square. After all brackets have been installed the fascia is simply snapped into position.



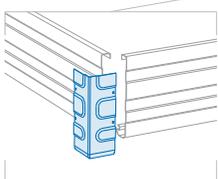
FINISHING OFF

Internal and external fascia mitres are available for ease of installation and a superior finish. Joining two lengths of fascia together is easily achieved by using a joining sleeve. Mitres and joining sleeves are simply riveted to the fascia through the pre-drilled holes.



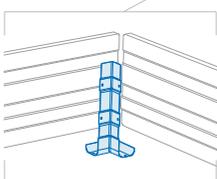
Stop End (LH)

Stop ends are available if required in both LH and RH.



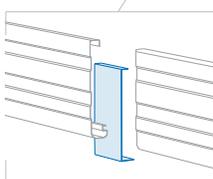
External Mitre

Trim fascia to required length. Slide external mitre over fascia and fix with 3.2mm blind rivets through locating holes.



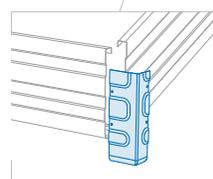
Internal Mitre

Trim fascia to required length. Slide internal mitre over fascia and fix with 3.2mm blind rivets through locating holes.



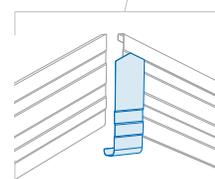
Joining Sleeve

Slide two fascia ends over joining sleeve until they meet in the middle. Fix with 3.2mm blind rivets.



Barge Mould (RH)

Mitre ends of barge to suit roof pitch. Fix long leg of barge mould to fascia and short leg to barge with 3.2mm blind rivets.



Barge Apex Cover

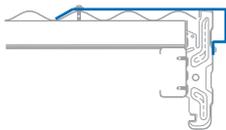
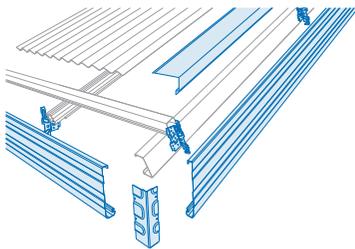
Fix barge apex cover to installed barge with 3.2mm blind rivets and trim excess material.



SIMPLE BARGES FOR STEEL AND TIMBER FRAMING

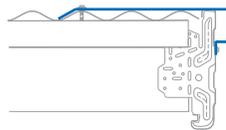
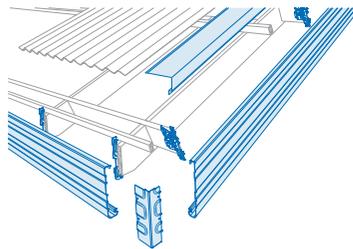
Now the simple elegant lines of your fascia can continue up the barges providing a consistent look all around the house. The junction between fascia and barge is easily completed using a barge mould.

Steel Frame



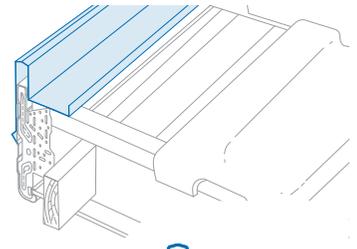
Barge Capping Detail

Timber Frame



Barge Capping Detail

Barge Gutter for tile roofing

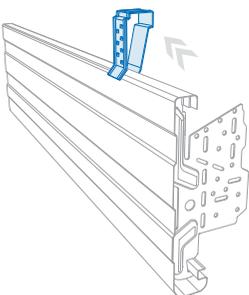


Barge Gutter Detail

GUTTER INSTALLATION

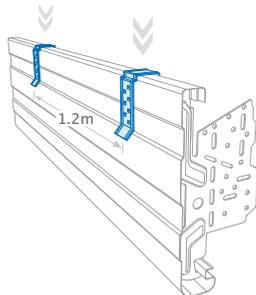
Roll In Clips

Push suspension clip up from rear and into the vertical position.



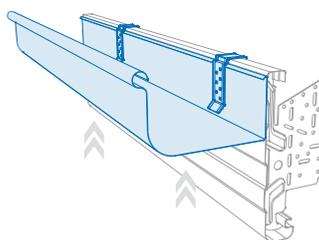
Clip Spacing

Knock suspension clip down with fist. Place at 1.2 metre intervals.



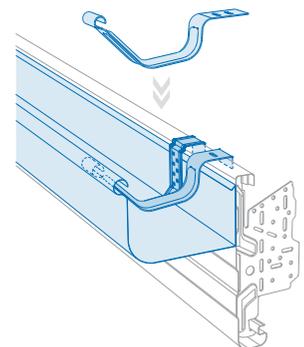
Install Gutter

Pull gutter upwards until suspension clip engages.



Fix Internal Straps

Roll gutter strap into bead and press over top of fascia.

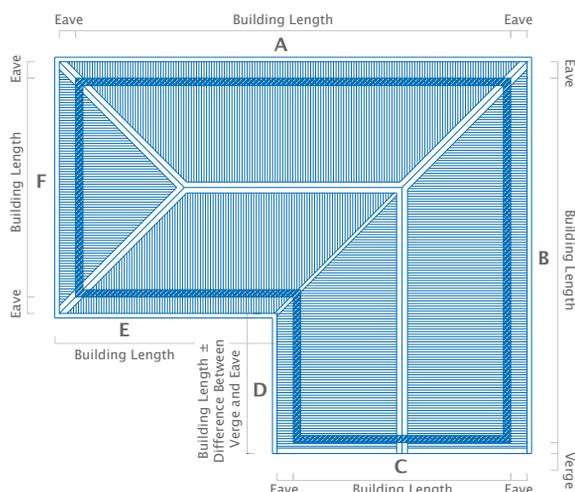


MEASURING YOUR PROJECT

If you have an accurate plan drawing of your building, the lengths of fascia required for your project can be determined by measuring off the plan. Alternatively you can physically measure your building to determine fascia lengths.

Measure each run of horizontal fascia and add an additional 200mm trimming allowance to each length measured to obtain your order length. For long fascia runs we suggest ordering multiple lengths and joining sleeves to reduce delivery costs and to increase ease of handling. Recommended max length = 9000mm.

If using fascia as barge we can again use an accurate plan drawing including a roof pitch and some simple trigonometry to determine the required length. Firstly you need to determine the distance from the building edge to ridge line + eave, this horizontal distance can be divided by the cosine of the roof pitch to give you the barge length. Add 300mm trimming allowance to the calculated barge length to obtain your order length. Or alternatively you can physically measure your building's barge length and add a 300mm trimming allowance.



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| <p>A – Fascia length = building length + eave + 200mm trimming allowance. (max recommended length = 9000mm)</p> <p>B – Fascia length = building length + eave + verge + 200mm trimming allowance.</p> <p>C – Fascia/Barge length = $(1/2 \text{ building length} + \text{eave}) / \cos$ of the roof pitch + 300mm trimming allowance.</p> | <p>D – Fascia length = building length ± verge and eave difference + 200mm trimming allowance.</p> <p>E – Fascia length = building length + 200mm trimming allowance.</p> <p>F – Fascia length = building length + eaves + 200mm trimming allowance.</p> |
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ORDERING YOUR FASCIA

Stratco Concept fascia is custom rolled to your required length, allowing you to minimise waste and reduce the number of joins. Our minimum roll length is 1000mm. If you require a length less than the minimum, add it to another length and then trim on-site to minimise unusable off-cut.

- Include:
- Type and quantity of accessories required to complete your project.
 - Number of rafter brackets: total l/m of fascia (divide by 1200mm for steel roofs and tile roofs with tilt batten, or 600mm for tile roofs without tilt batten) + one per length of fascia + round up to nearest 10.
 - Mitres: total number fascia corners (define as external or internal).
 - Joining sleeves: where two lengths join together on a straight run.
 - Apex covers: at the apex of every gable.
 - Suspension clips: total l/m of horizontal fascia /1200mm + one per length of fascia + round up to nearest 10 (not used with fascia as barge).

MAINTENANCE REQUIREMENTS

The performance of Concept Fascia over time depends on its correct application and maintenance. Maintenance should be performed as often as is required to remove any dirt, salt and pollutants. Where Concept Fascia is used in severely corrosive environments, cleaning should be performed more often.

Refer to the Stratco "Selection, Use and Maintenance" brochure, for more detailed information about the correct use and maintenance of this product.