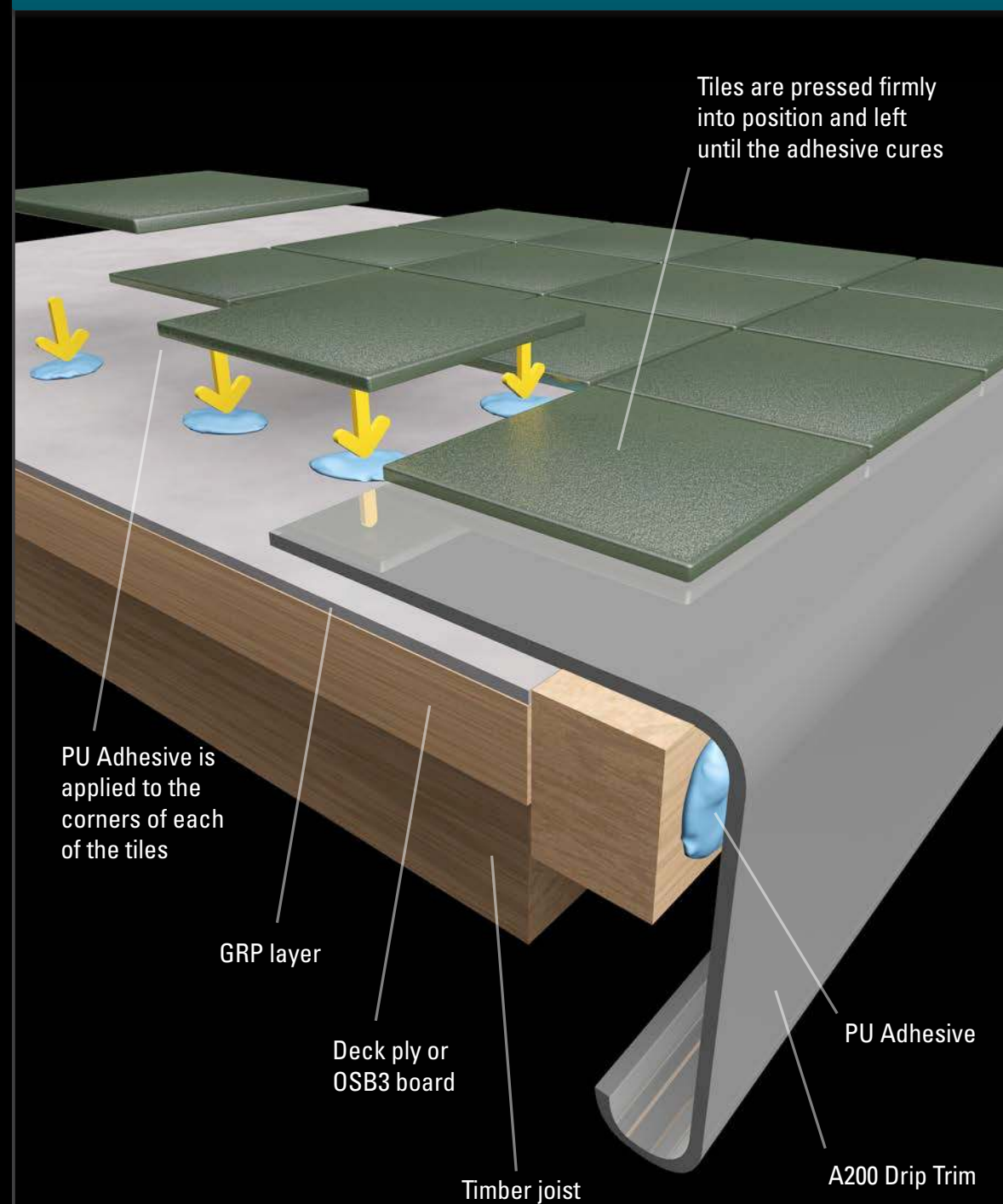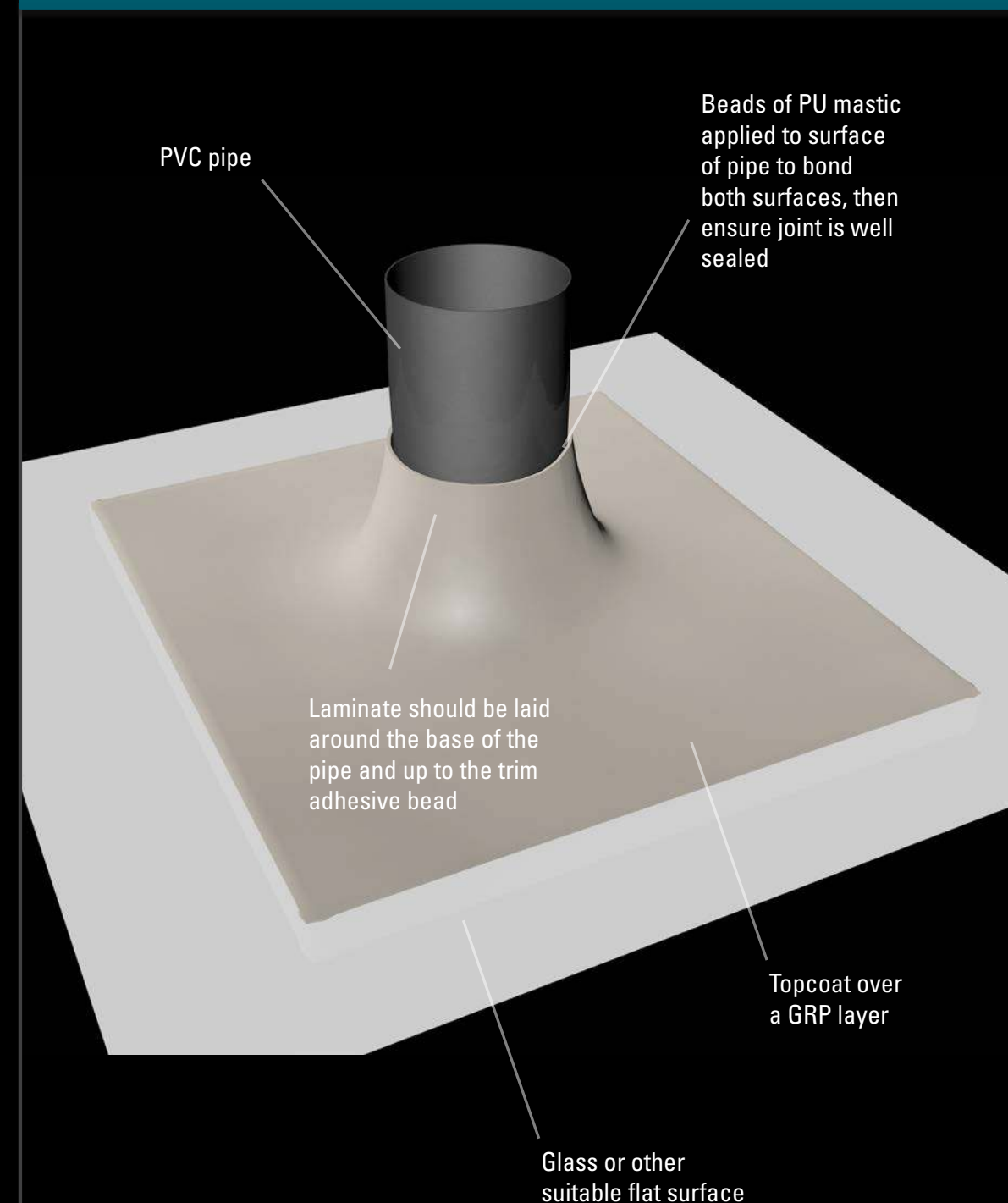COMPLEX

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Applying tiles to a GRP roof

Tiles are pressed firmly into position and left until the adhesive cures

PU Adhesive is applied to the corners of each of the tiles
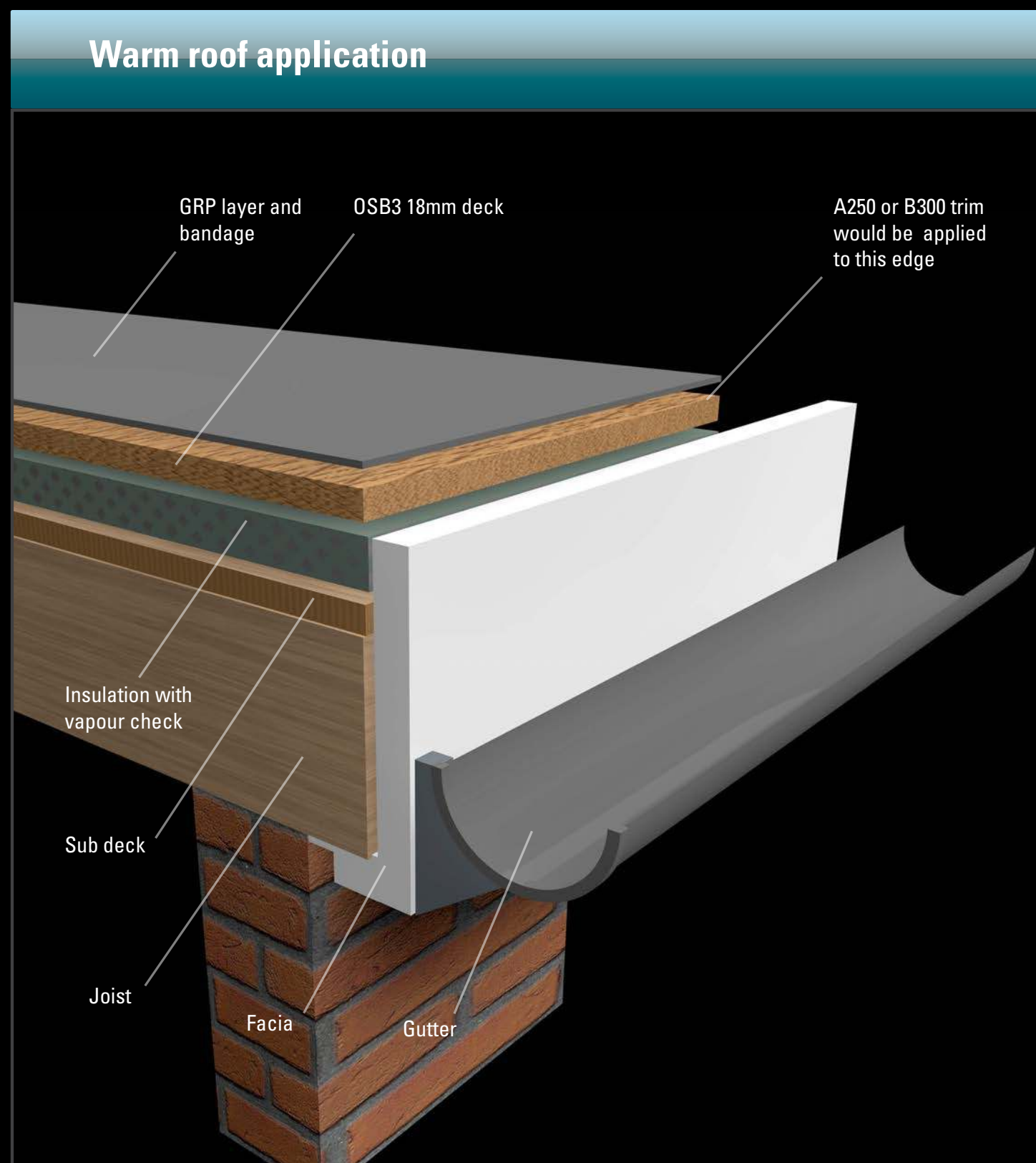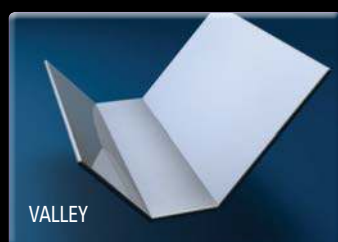
GRP layer

Deck ply or OSB3 board

Timber joist

PU Adhesive

A200 Drip Trim

Pre-formed PVC pipe outlet

PVC pipe

Beads of PU mastic applied to surface of pipe to bond both surfaces, then ensure joint is well sealed

Laminate should be laid around the base of the pipe and up to the trim adhesive bead

Topcoat over a GRP layer

Glass or other suitable flat surface

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Warm roof application

GRP layer and bandage

OSB3 18mm deck

A250 or B300 trim would be applied to this edge

Insulation with vapour check

Sub deck

Joist

Facia

Gutter

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A170/A200/A250 - Drip Trims

Woven tape

'A' Type Trim

Decking

GRP laminate

Support Battens

Gutter

Fascia
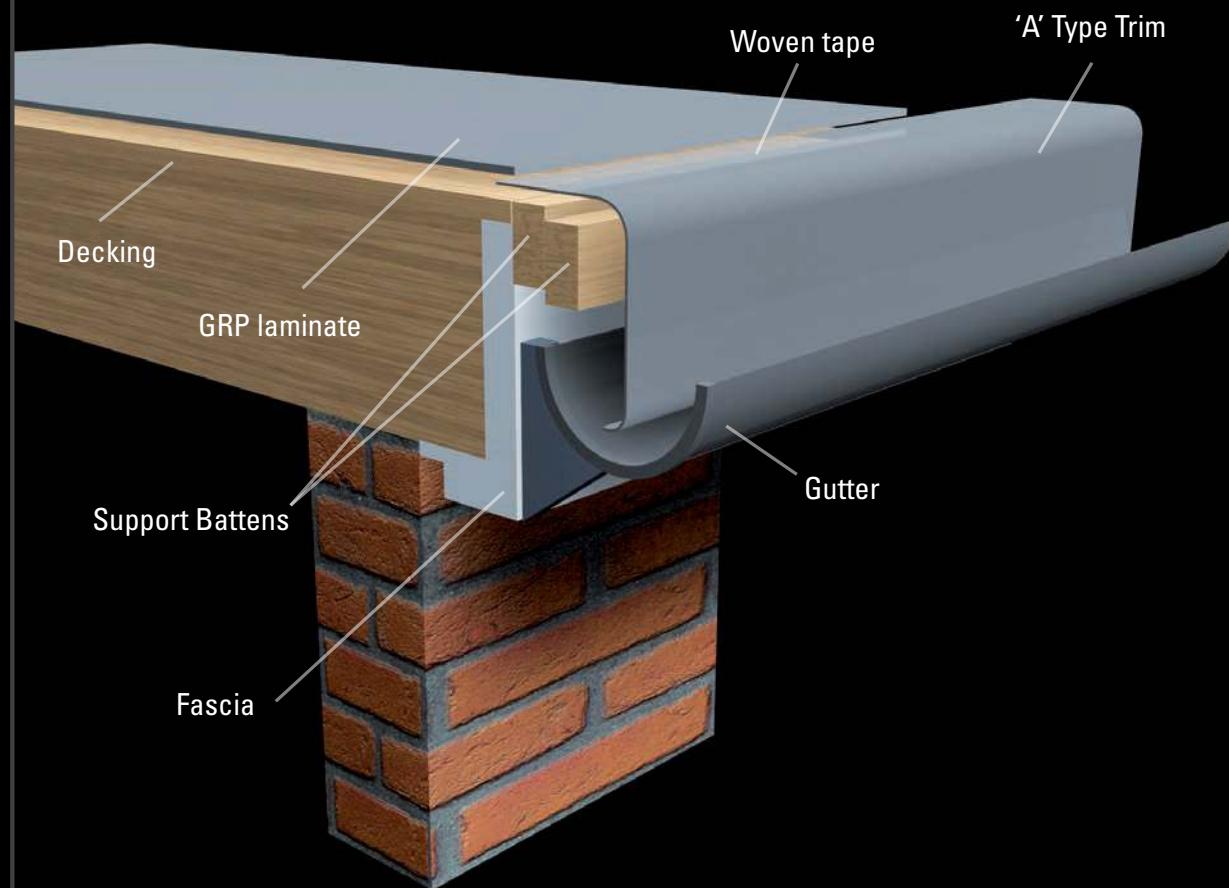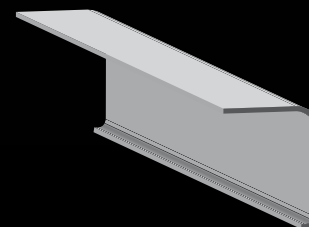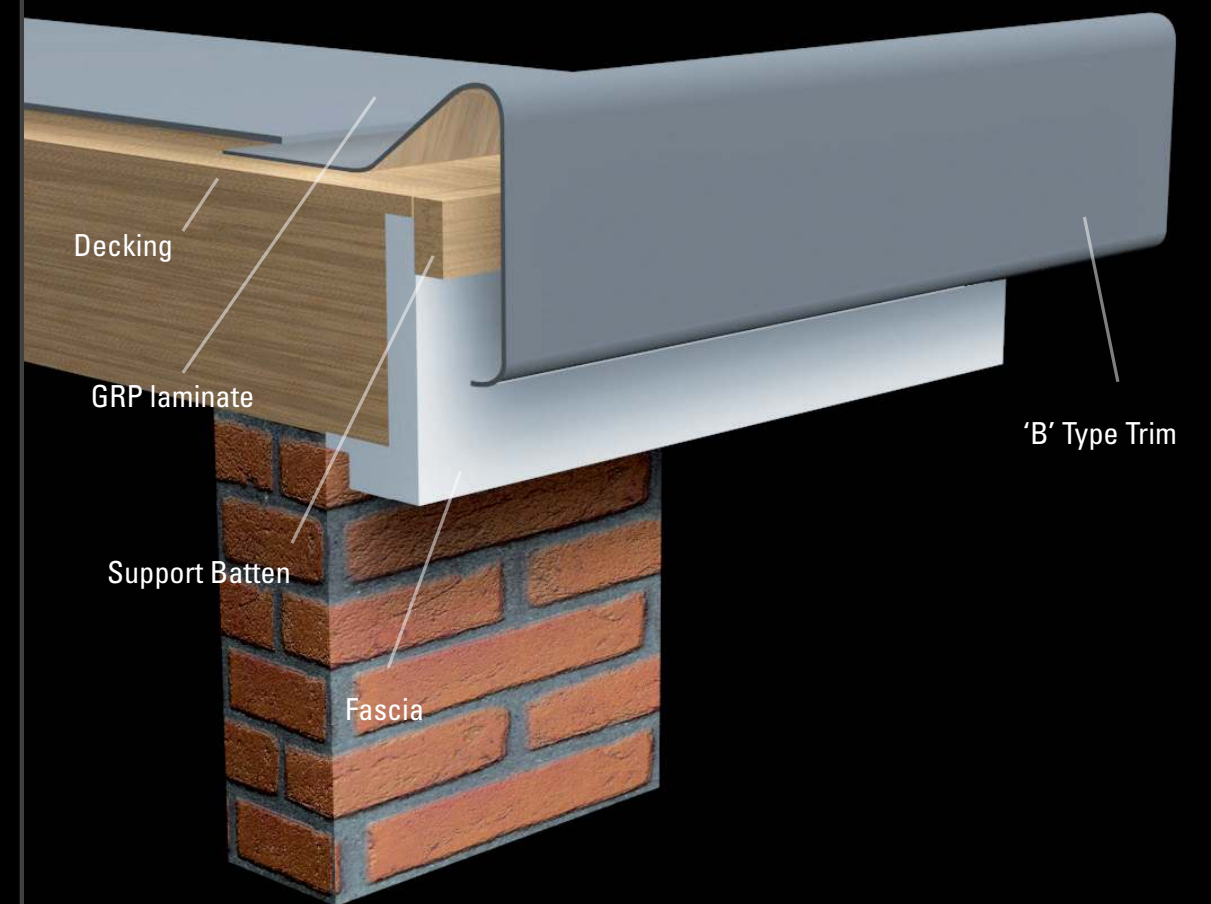
Fitted to the roof edges to allow drainage into the gutter.

- A170 75 x 84mm
- A200 95 x 90mm
- A250 95 x 140mm
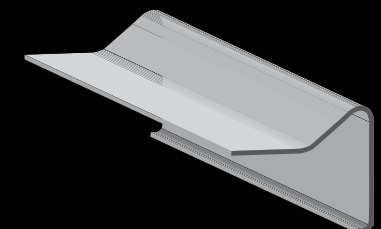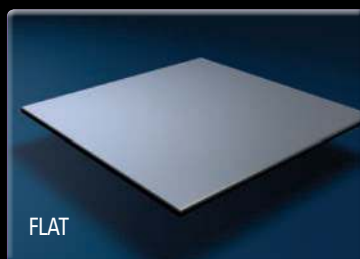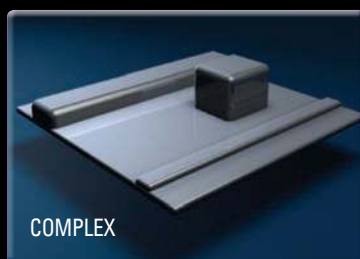- A200A 95 x 90mm
  (same A200, but with drip return)
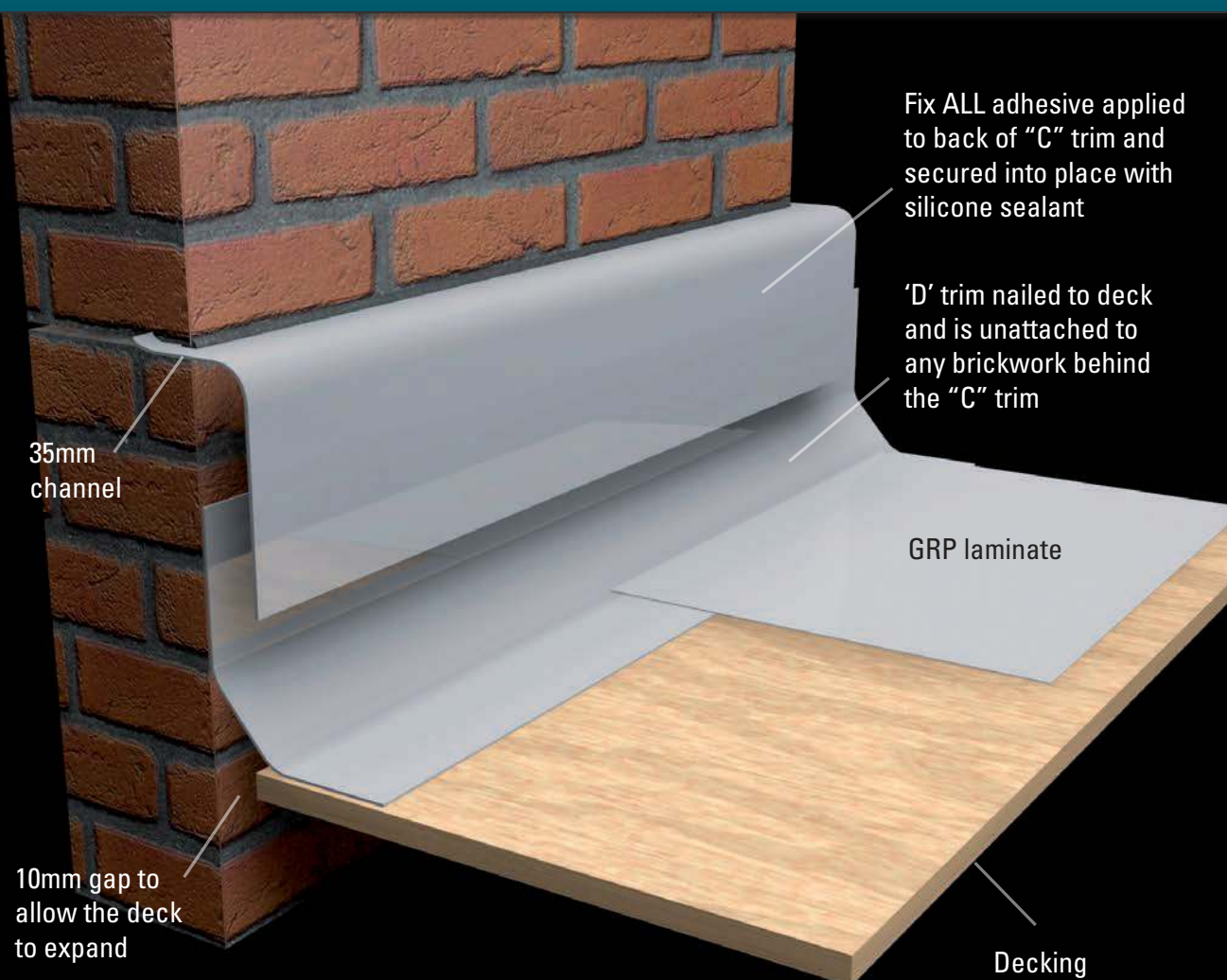
B240/B260/B300 - raised edge trims

Decking

GRP laminate

'B' Type Trim

Support Batten

Fascia

All 3 metre lengths:

- B240 – 100 x 105mm
- B260 – 130 x 125mm
- B300 – 110 x 175mm

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Fix ALL adhesive applied to back of "C" trim and secured into place with silicone sealant

'D' trim nailed to deck and is unattached to any brickwork behind the "C" trim

35mm channel

GRP laminate

10mm gap to allow the deck to expand

Decking

Decking

Joists

GRP laminate laid over the edge of the F300 flashing

Roof felting overlaps the F300 flashing
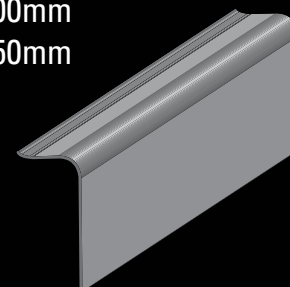
F300 flashing

All 3 metre lengths:
- D260 – 120 x 60 x 80mm
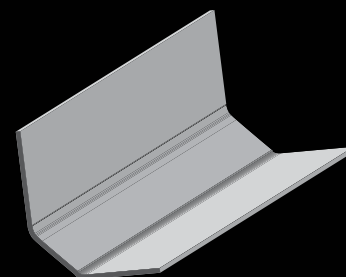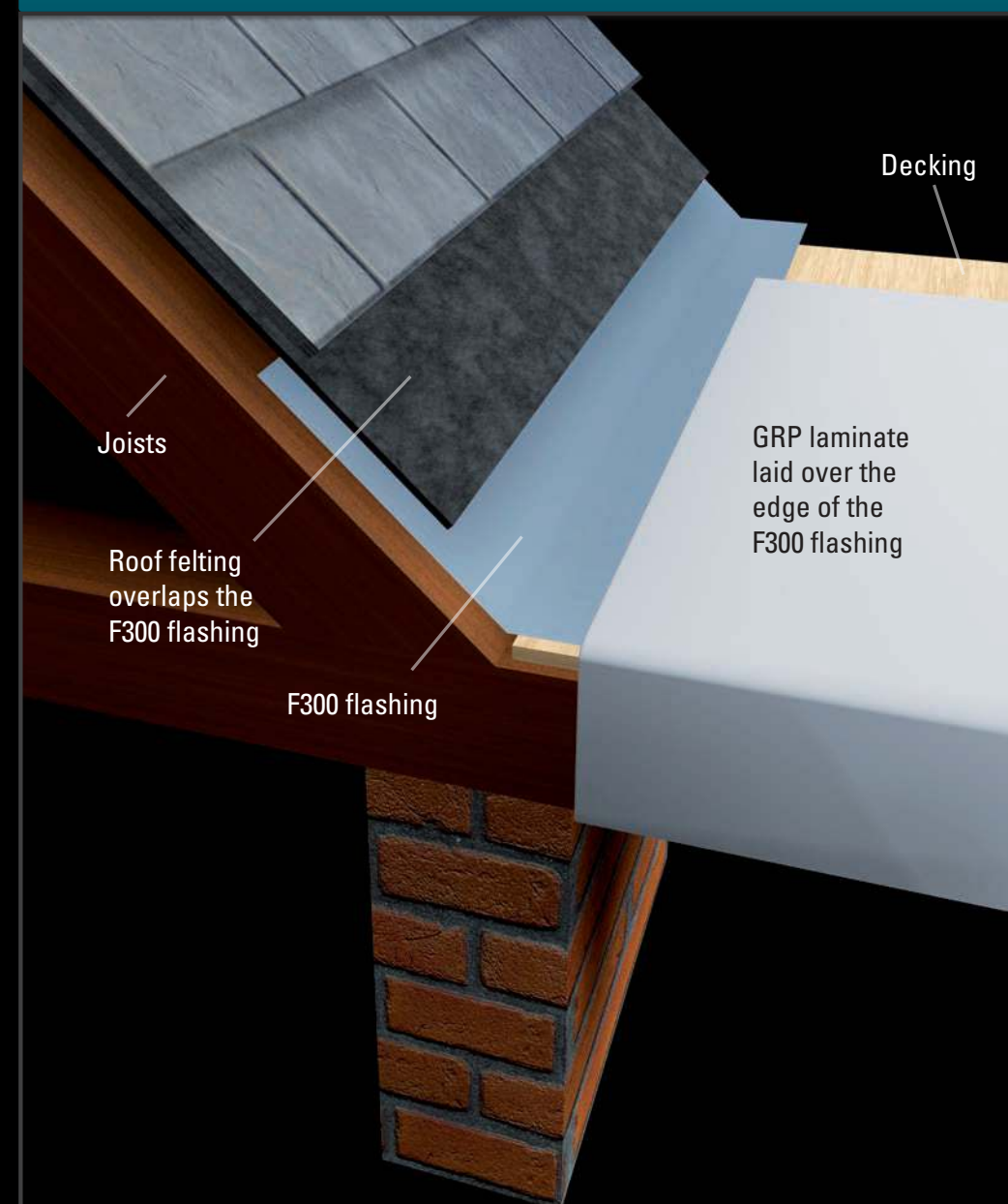
All 3 metre lengths:
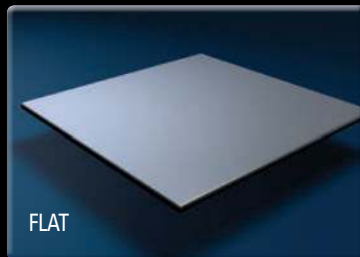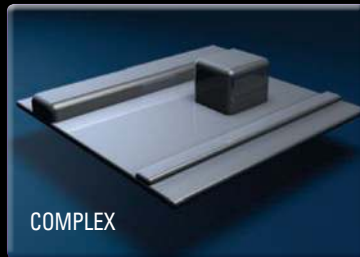- C100 – 35 x 100mm
- C150 – 35 x 150mm

All 20 metre rolls:
- F300 – 300mm x 20m roll
- F600 – 600mm x 20m roll
- F900 – 900mm x 20m roll

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SGS UKAS QUALITY MANAGEMENT 005

SGS UKAS ENVIRONMENTAL MANAGEMENT 005

SGS UKAS MANAGEMENT SYSTEMS 005

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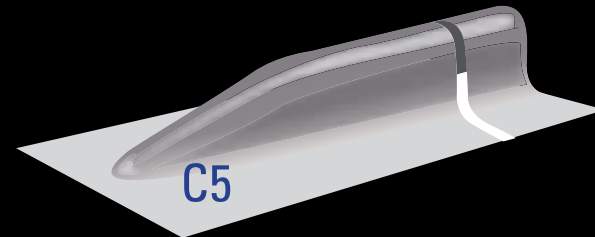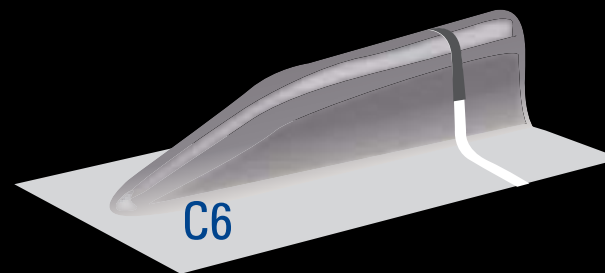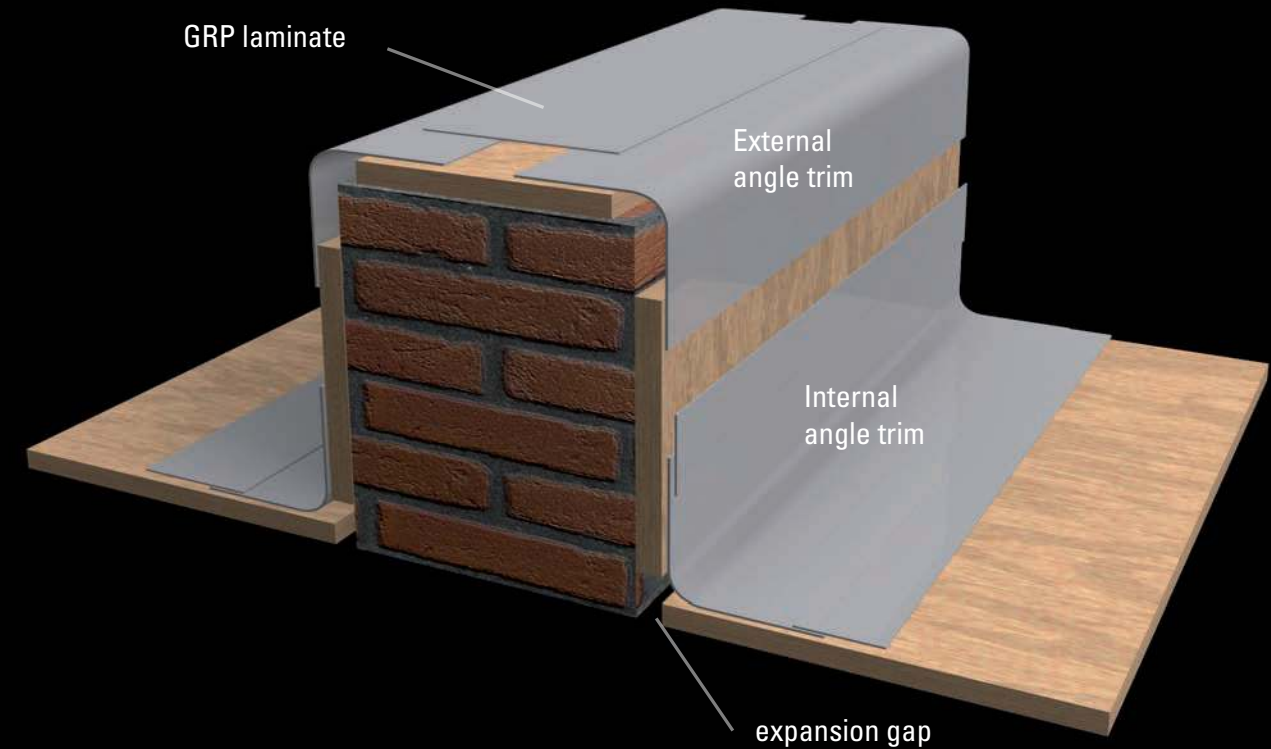## C5 & C6 Closure Trims

C5 Roof Ridge Closure –
Preformed closure for application to the end of a roof ridge section. Use with E280

C5

C6 Rolled Rib Closure –
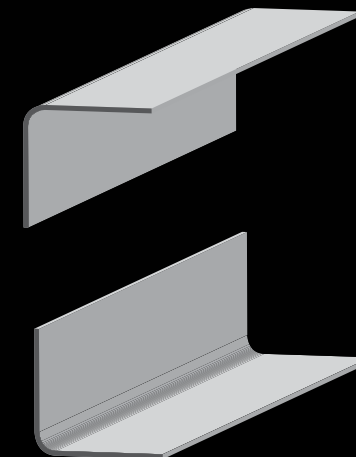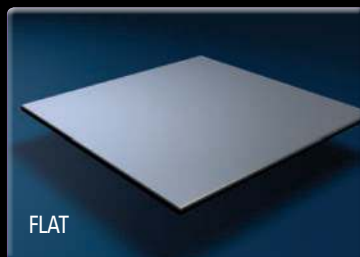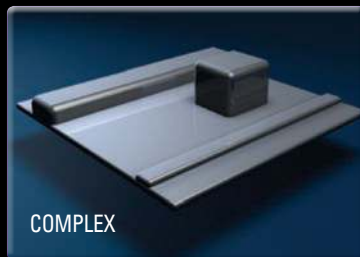Preformed closure for application to the end of ER40/30 details.

C6

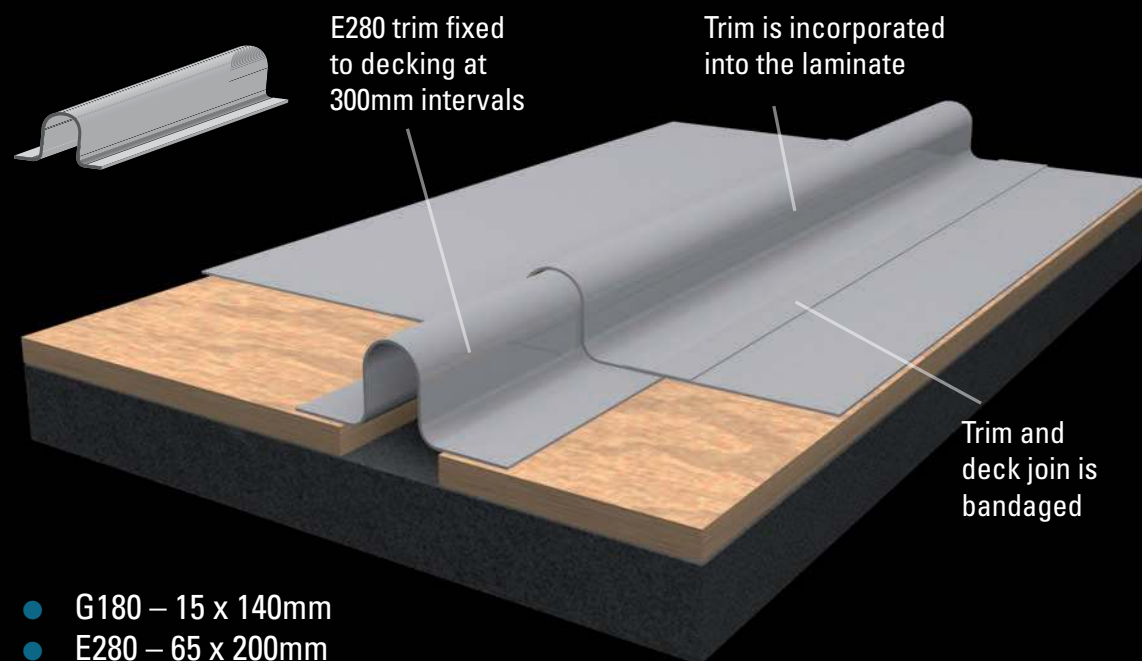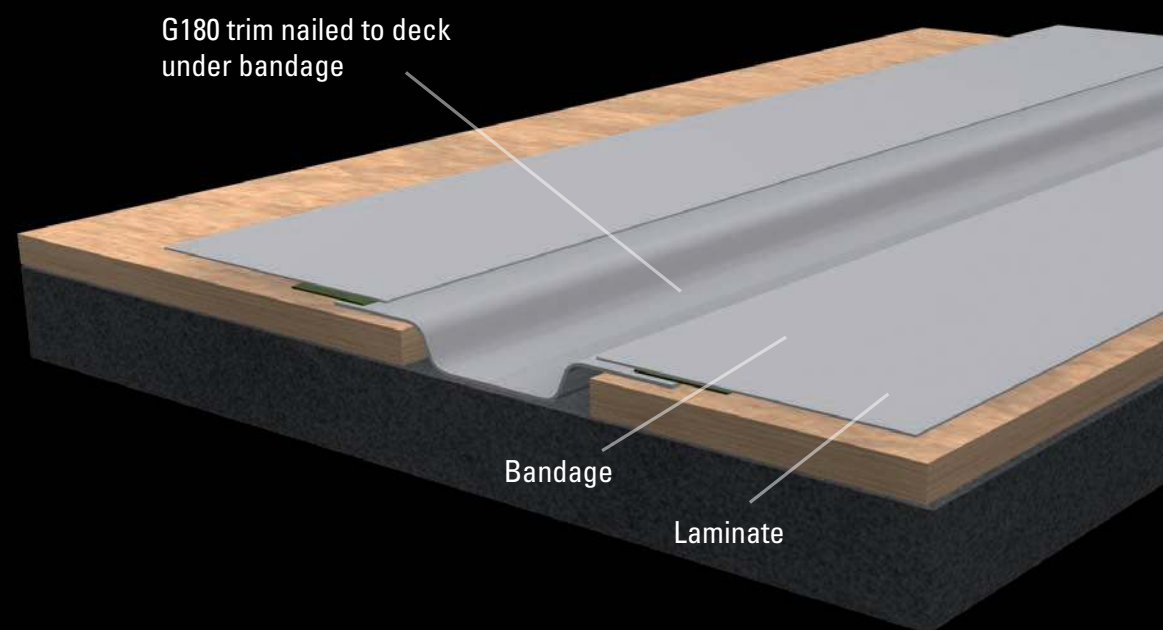## G150/G275 - external 90º angle trims & H150/G275 - internal 90° angle trims

GRP laminate

External angle trim

Internal angle trim

expansion gap

- G150 – 75mm x 75mm
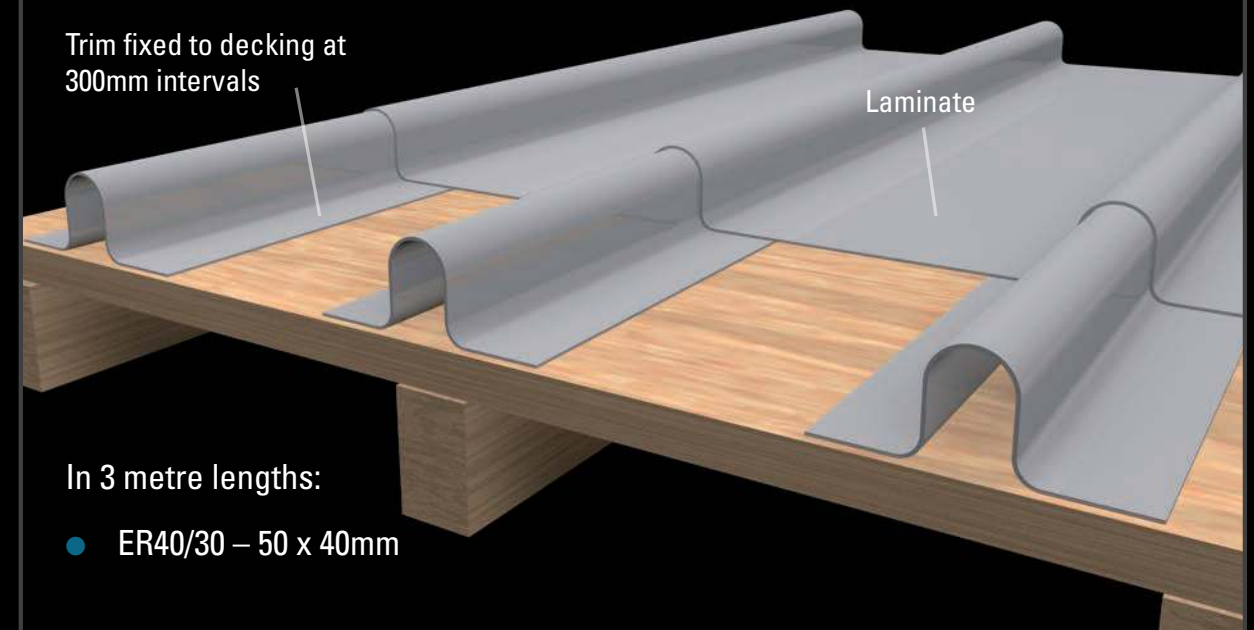- G275 – 200mm x 75mm

- H150 – 75mm x 75mm
- H275 – 200mm x 75mm

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G180 & E280 Expansion Joint / Ridge Roll

G180 trim nailed to deck under bandage

Bandage

Laminate

E280 trim fixed to decking at 300mm intervals

Trim is incorporated into the laminate

Trim and deck join is bandaged

- G180 – 15 x 140mm
- E280 – 65 x 200mm

ER40/30 Pre-formed Rib Detail

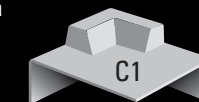Trim fixed to decking at 300mm intervals

Laminate

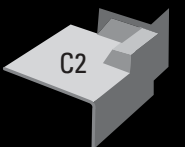In 3 metre lengths:

- ER40/30 – 50 x 40mm

C1, C2, C3 & C4 Corner Trims

C1 Universal External Corner Trim – Forms a left or right hand corner. Use with A and B range trims.
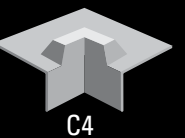
C1

C2 Fillet to Corner Trim – Use where a flat roof meets an abutting wall. Use with A, B and D260 trims.
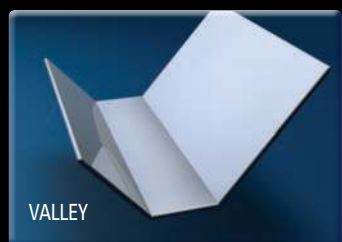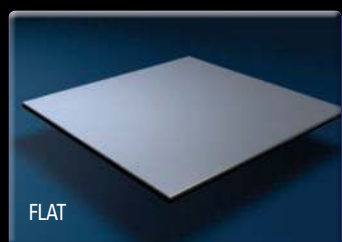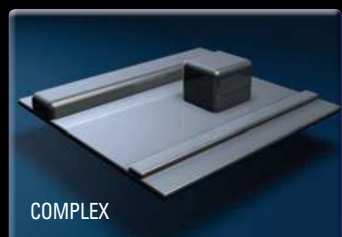
C2

C3 External or Internal Fillet Corner trims – Used as a preformed external or internal corner. Avoids mitring in situ. Use with a D260.

C3
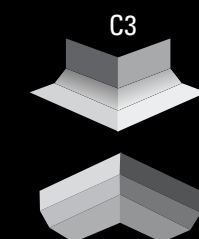
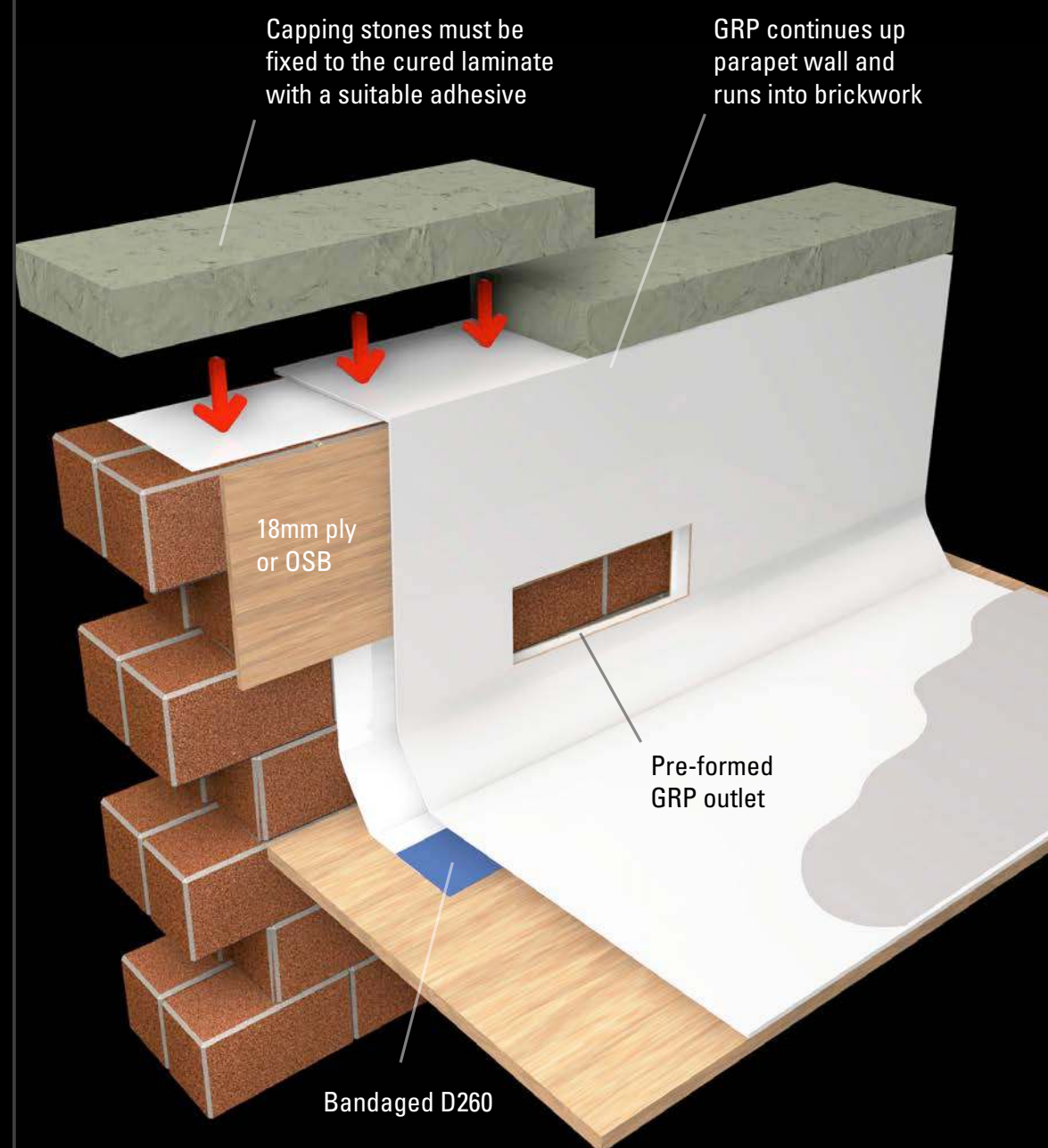**C4 Universal Internal Corner Trim** – Forms a left or right hand corner. Use with A and B range trims.
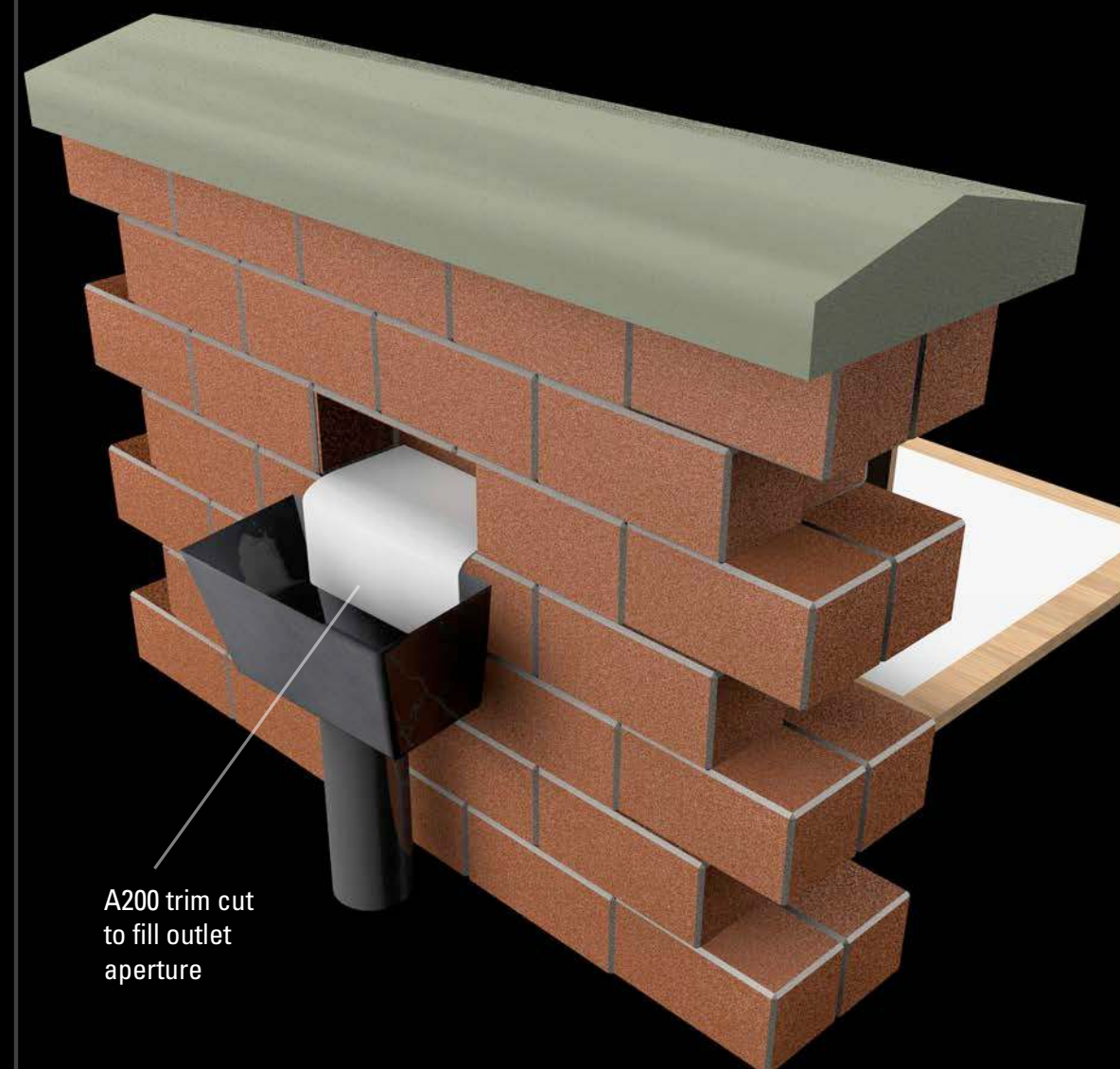
C4

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Outlet through parapet wall

Capping stones must be fixed to the cured laminate with a suitable adhesive

GRP continues up parapet wall and runs into brickwork

18mm ply or OSB

Pre-formed GRP outlet

Bandaged D260

Completed outlet

A200 trim cut to fill outlet aperture

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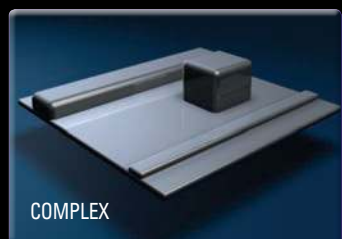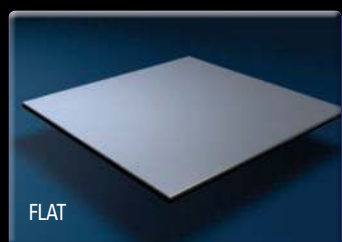APPROVED INSTALLER

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Parapet Wall (laid over coping stone)

OSB3 Decking

80mm tape

Topseal Topcoat over a GRP layer

Coping Stone

80mm tape

D260 Trim

OSB3 Decking

Completed Parapet Wall

Laminate can be bonded to either the decking or pre-formed GRP profiles

Laminate
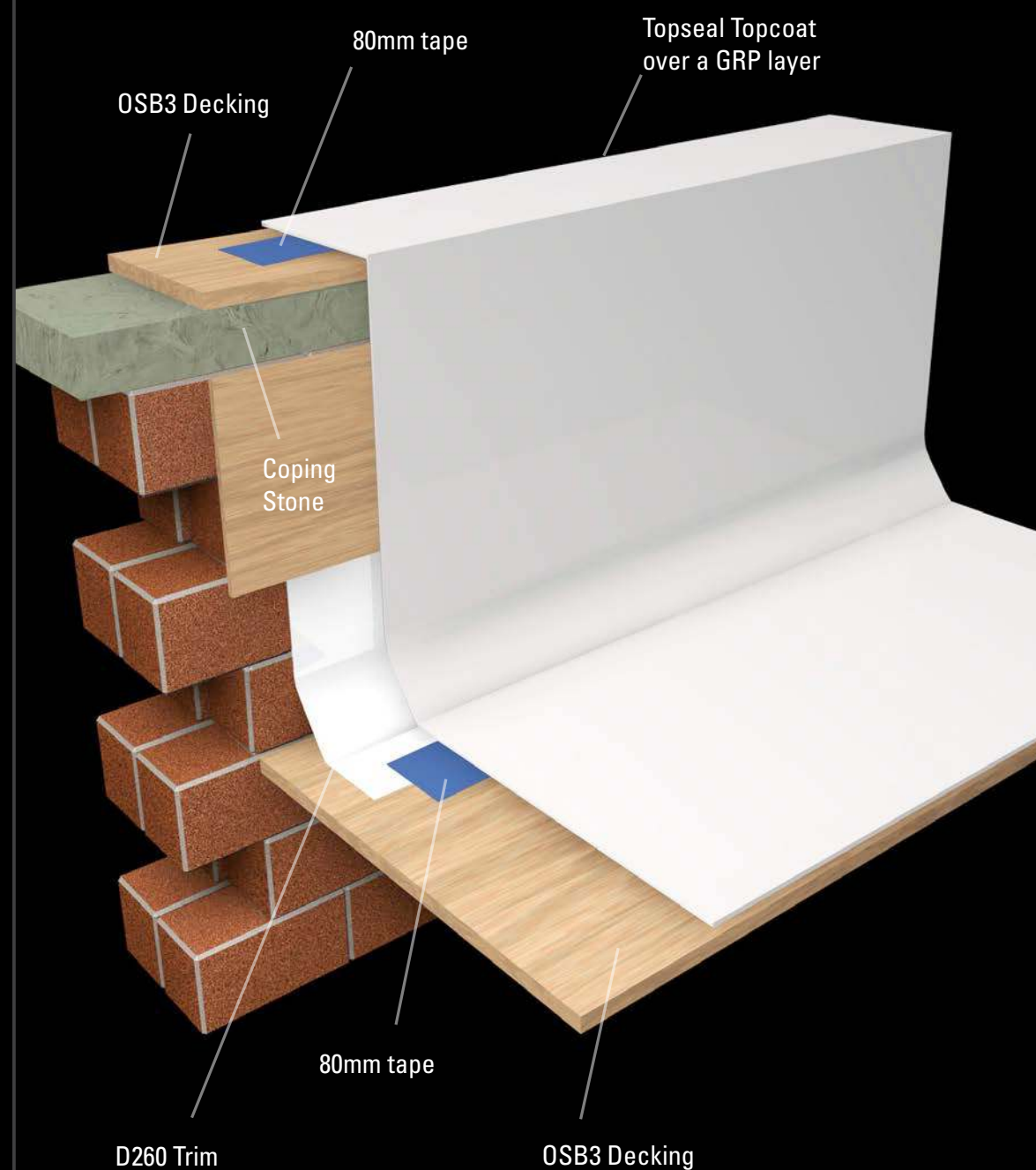
'A' Type trim used on the the the outer edge of the parapet wall
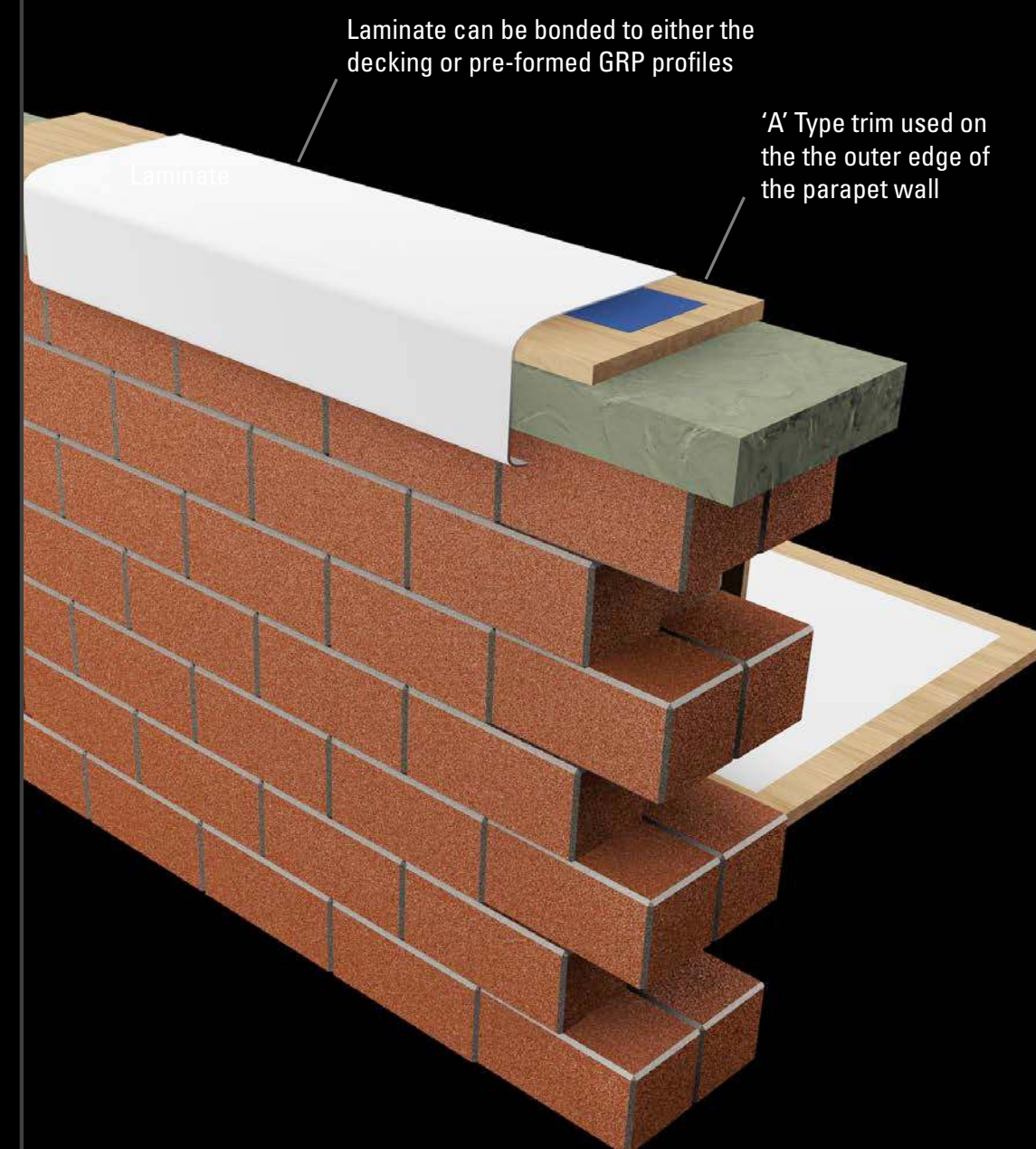
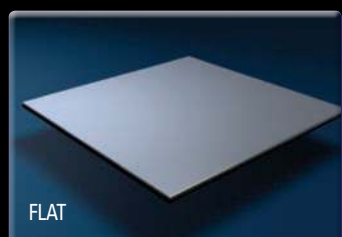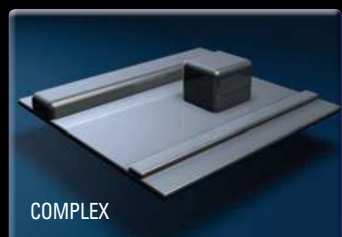# www.crysticroof.com

Pitched roof to cast iron box gutter and wall

C150

AT 195

Slates

Peg

600 g/m² Topseal Laminate

Sealed into wall with silicone sealant

100mm Bandage

AT 195

OSB3 18mm

Timber laid to form firrings

Cast Iron Gutter
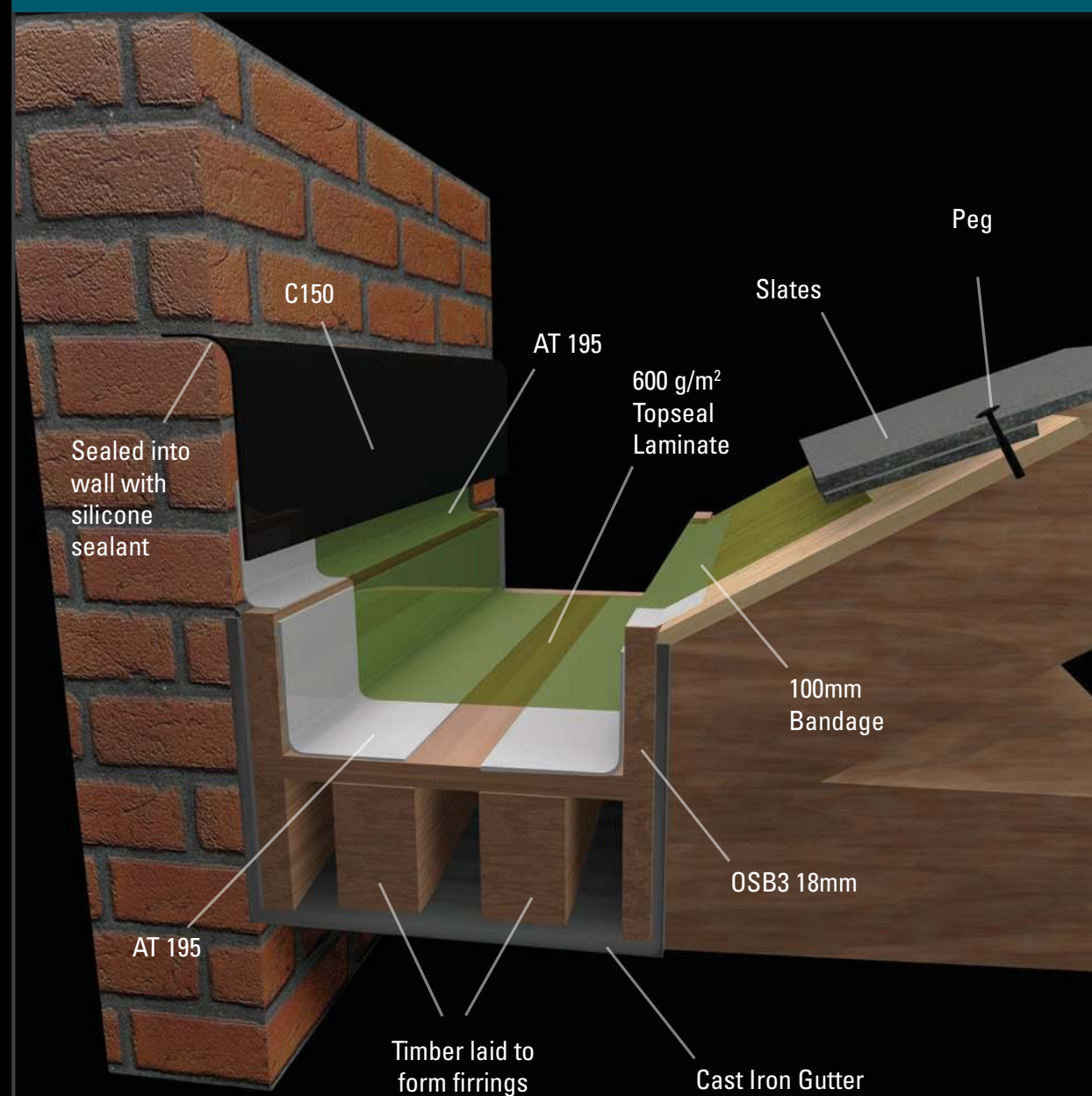
Gutter between pitched roofs

Slates

600 g/m² Topseal Laminate

Peg

100mm Bandage

OSB3 18mm

AT 195

Timber laid to form firrings

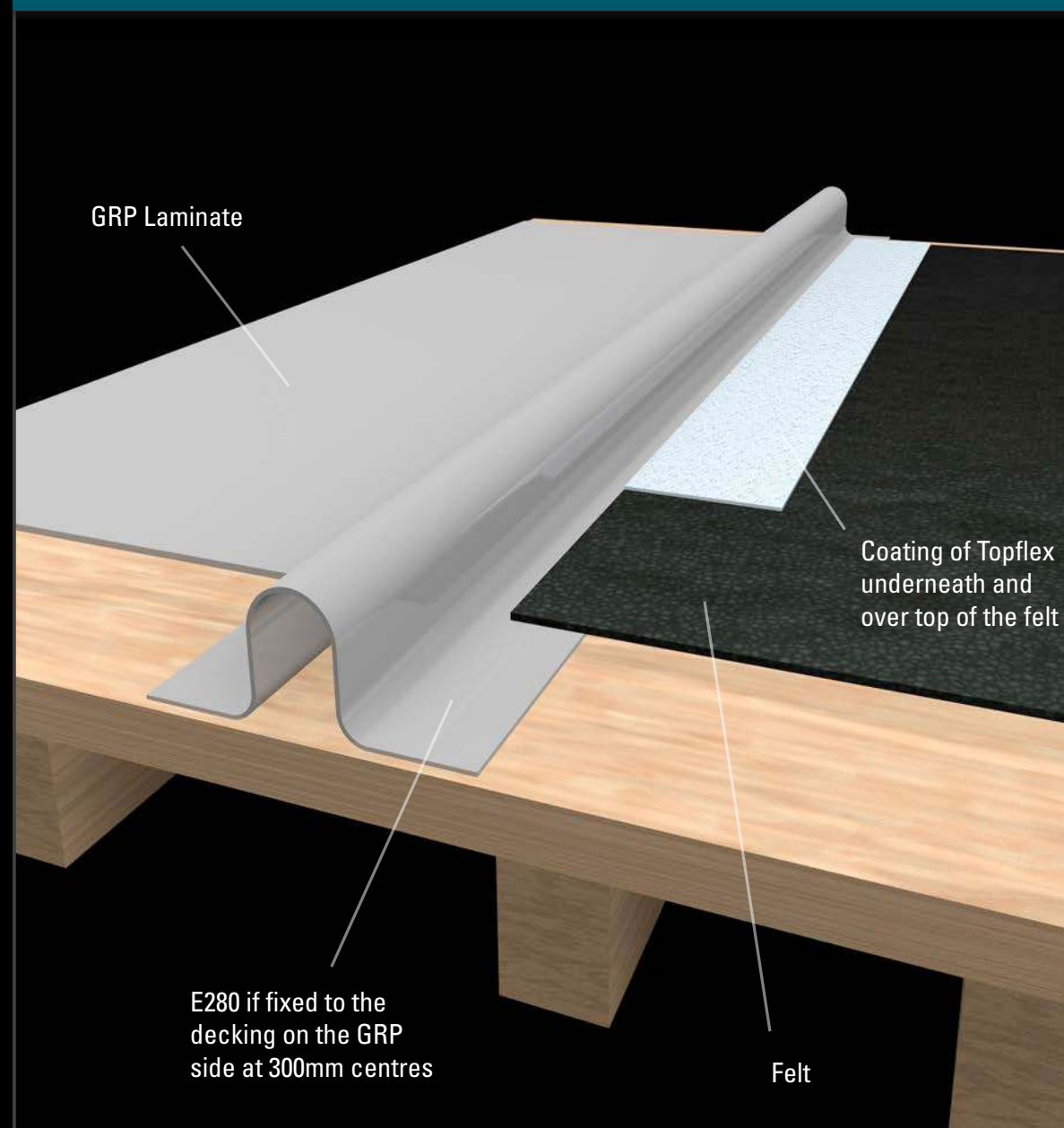Cast Iron Gutter

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VALLEY
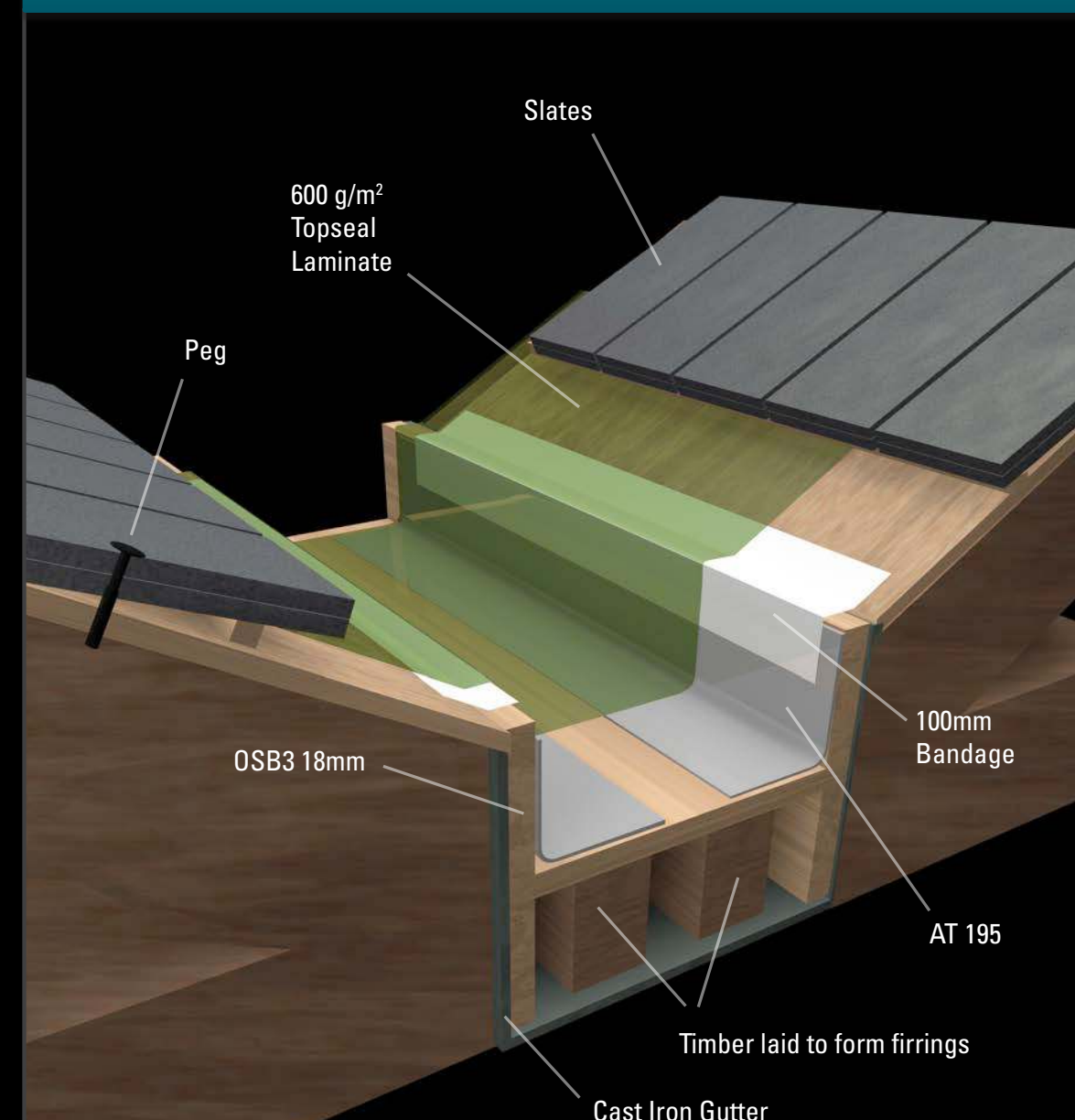
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E280 Bridge to adjoining felt roof

GRP Laminate

Coating of Topflex underneath and over top of the felt

E280 if fixed to the decking on the GRP side at 300mm centres

Felt

AT 195 internal and external gulley detail

Laminate

Bandage

AT 195 External

Paving Slab

Concrete

Bandage

AT 195 Internal

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Warm roof application

GRP layer and bandage

OSB3 18mm deck

A250 or B300 trim would be applied to this edge

Insulation with vapour check

Sub deck

Joist

Facia

Gutter

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FLAT

VALLEY

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