

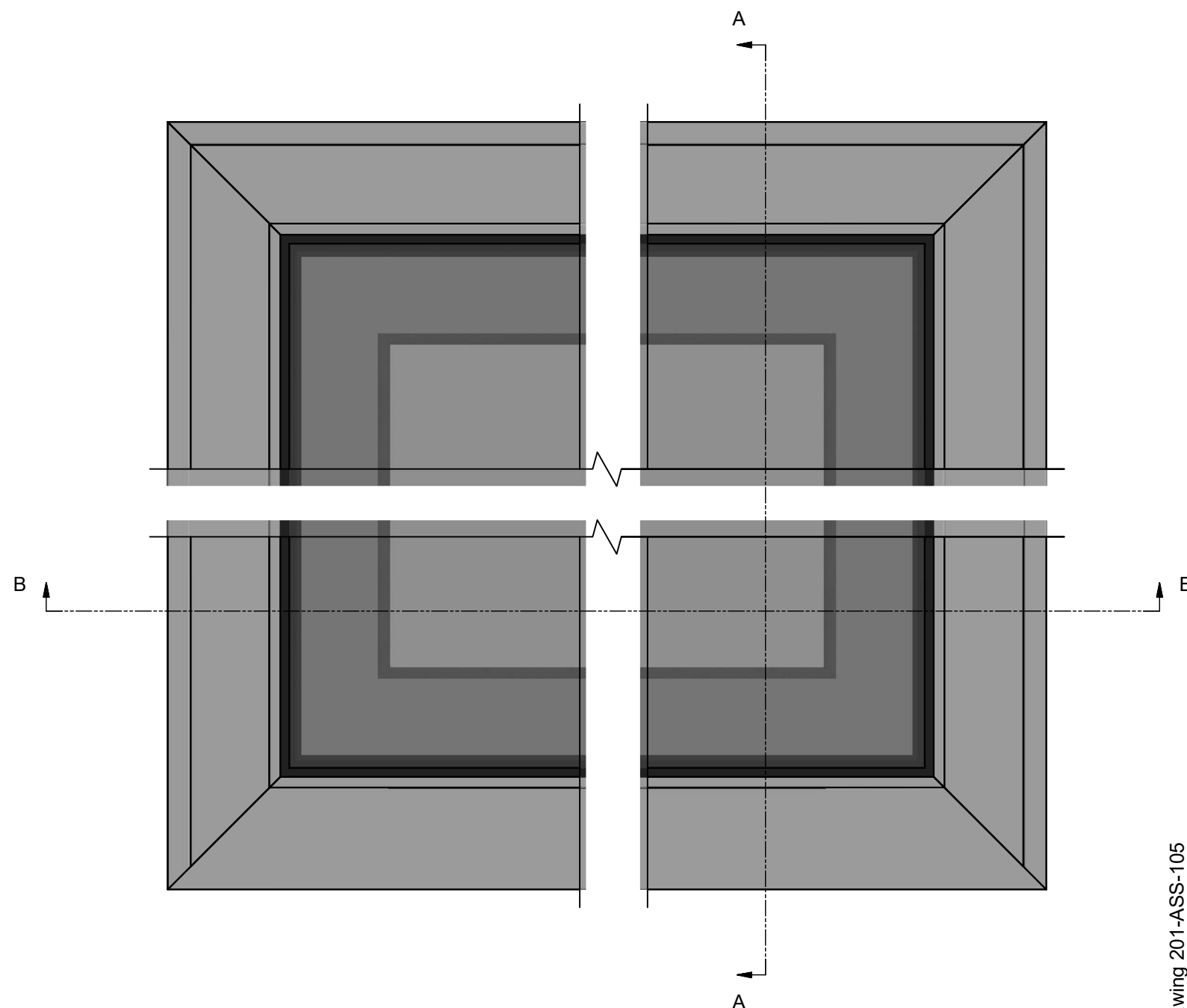


GV Standard Pitchglaze

201-ASS-100 v1.2 - Sales Drawing Pack

Including drawing numbers:

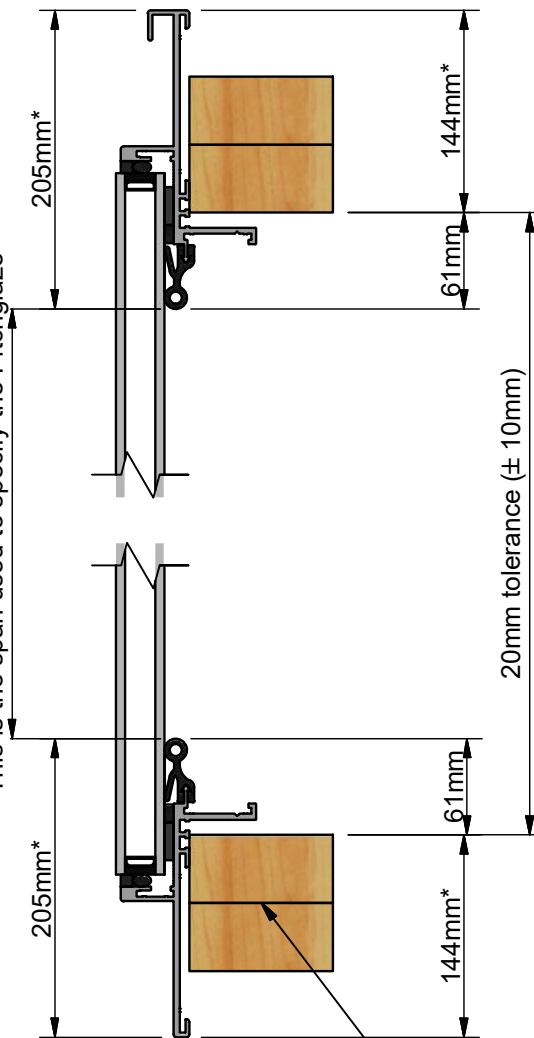
201-ASS-101 rev A
201-ASS-102 rev A
201-ASS-103 rev A
201-ASS-104 rev A
201-ASS-105



Section A-A
TOP
(Head)

OUTSIDE

Internal Viewable Span
This is the span used to specify the Pitchglaze

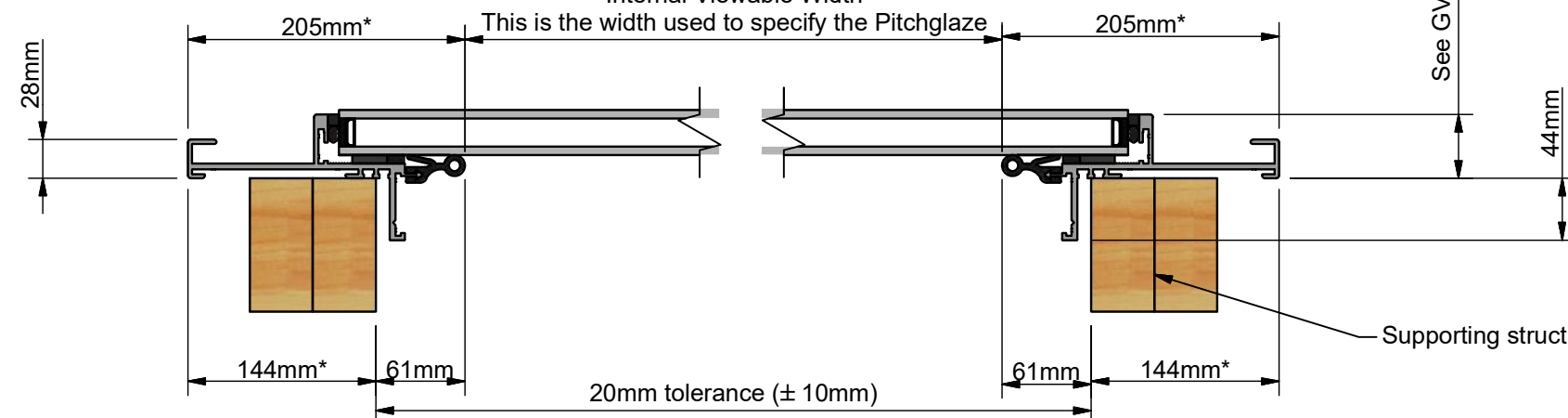


INSIDE

BOTTOM
(Cill)

Supporting structure (e.g. trimmers)

Section B-B
OUTSIDE
Internal Viewable Width



See GV drawing 201-ASS-105

Supporting structure (e.g. rafters)

For installation information,
see GV drawings
201-ASS-102
201-ASS-103
201-ASS-104

* Value includes nominal 10mm tolerance

INSIDE

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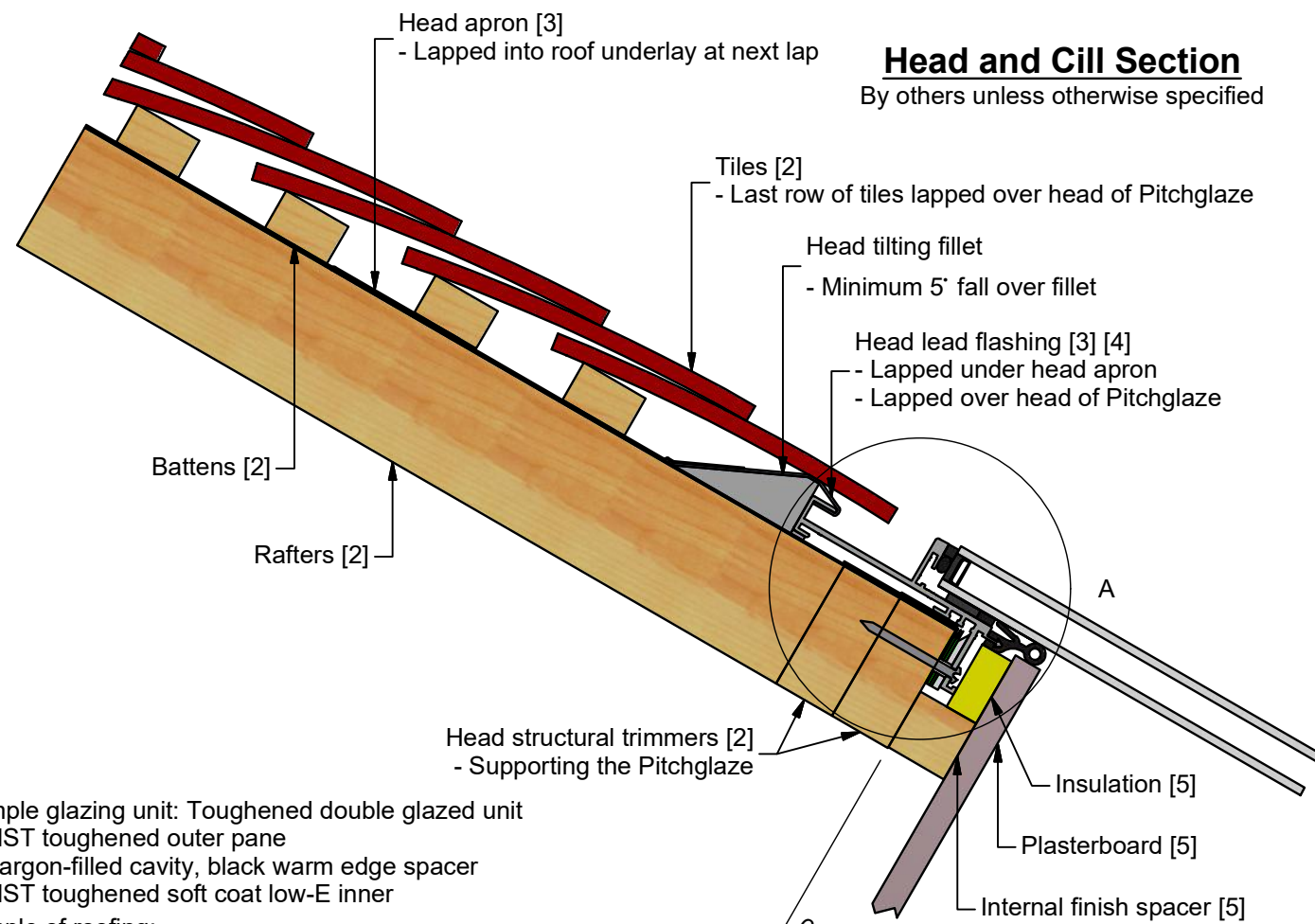
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Tolerances:
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Two decimal places = $\pm 0.2\text{mm}$
All angles 90 ± 0.5 degrees unless specified
IF IN DOUBT - ASK! DO NOT SCALE
Supplier to deburr & remove sharp corners

Rev	Revision Description	Drawn/ Date	Product: 201 - GV Standard Pitchglaze MkII	Checked By:
-	INITIAL ISSUE	JSL 24/01/2018	Description: General dimensions	HL
A	TOLERANCES ADDED TO ASTERISKED (*) VALUES	JSL 24/06/2019	Materials: - Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 24/06/2019
			Drawn By: JSL Drawn Date: 24/01/2018 Drawing No: 201-ASS-101	

Head and Cill Section

By others unless otherwise specified



- [1] Example glazing unit: Toughened double glazed unit
- 6mm HST toughened outer pane
- 16mm argon-filled cavity, black warm edge spacer
- 6mm HST toughened soft coat low-E inner

[2] Example of roofing:

- Plain tiles at 120mm gauge with double overlap
- 50 x 30mm battens
- 4 x 2in rafters and trimmers

[3] Flashing kit:

- If specified then supplied by GV
- Otherwise supplied by others
- All lead to be code 4 (apx. 1.8mm)
- All aprons to be of underlay at least 1m wide
- Consider clipping flashings and soakers down in severe exposures

[4] Mortar beds are NOT suitable for use with this product

- In case of damage to the glass, the entire unit is expected to be replaced

[5] Example of internal finish:

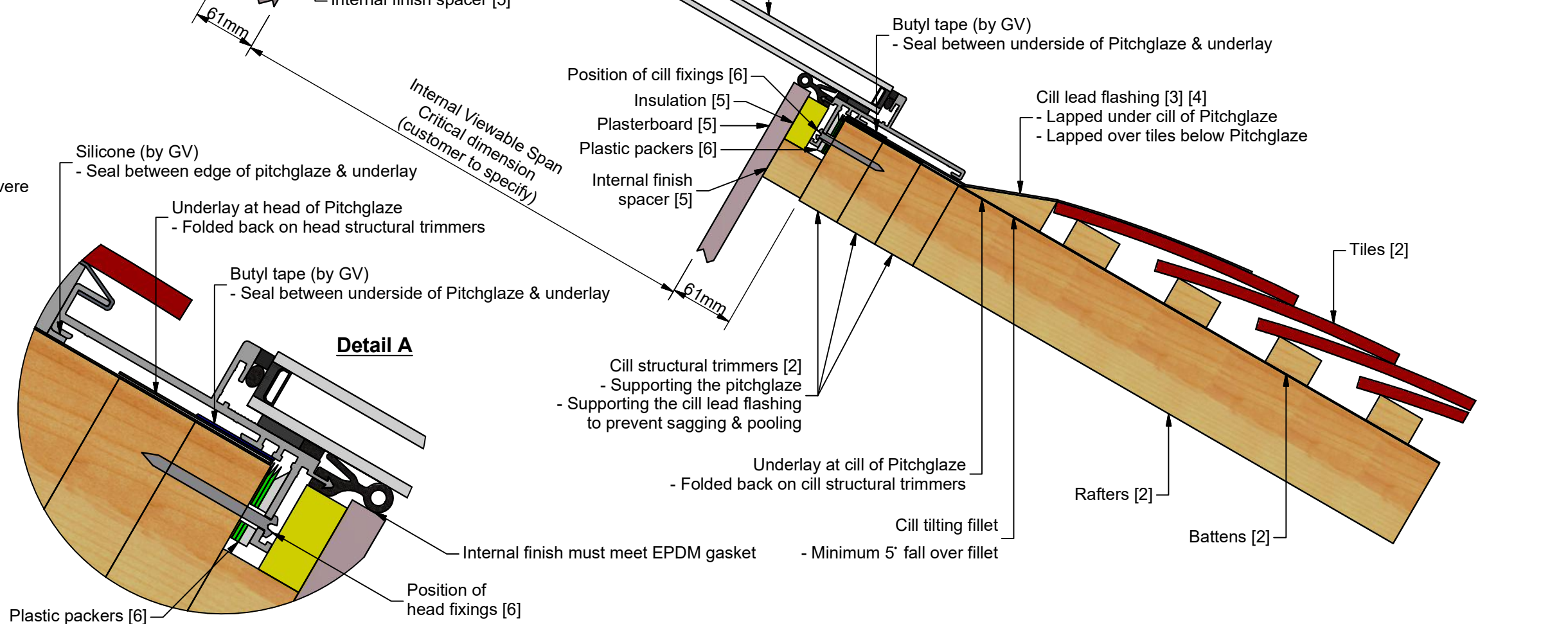
- Plasterboard spaced away from the rafters/structural trimmers using 2in timber
- Space between plasterboard and aluminium frame of Pitchglaze insulated

[6] Fixings:

- Woodscrews and a selection of plastic packers supplied by GV

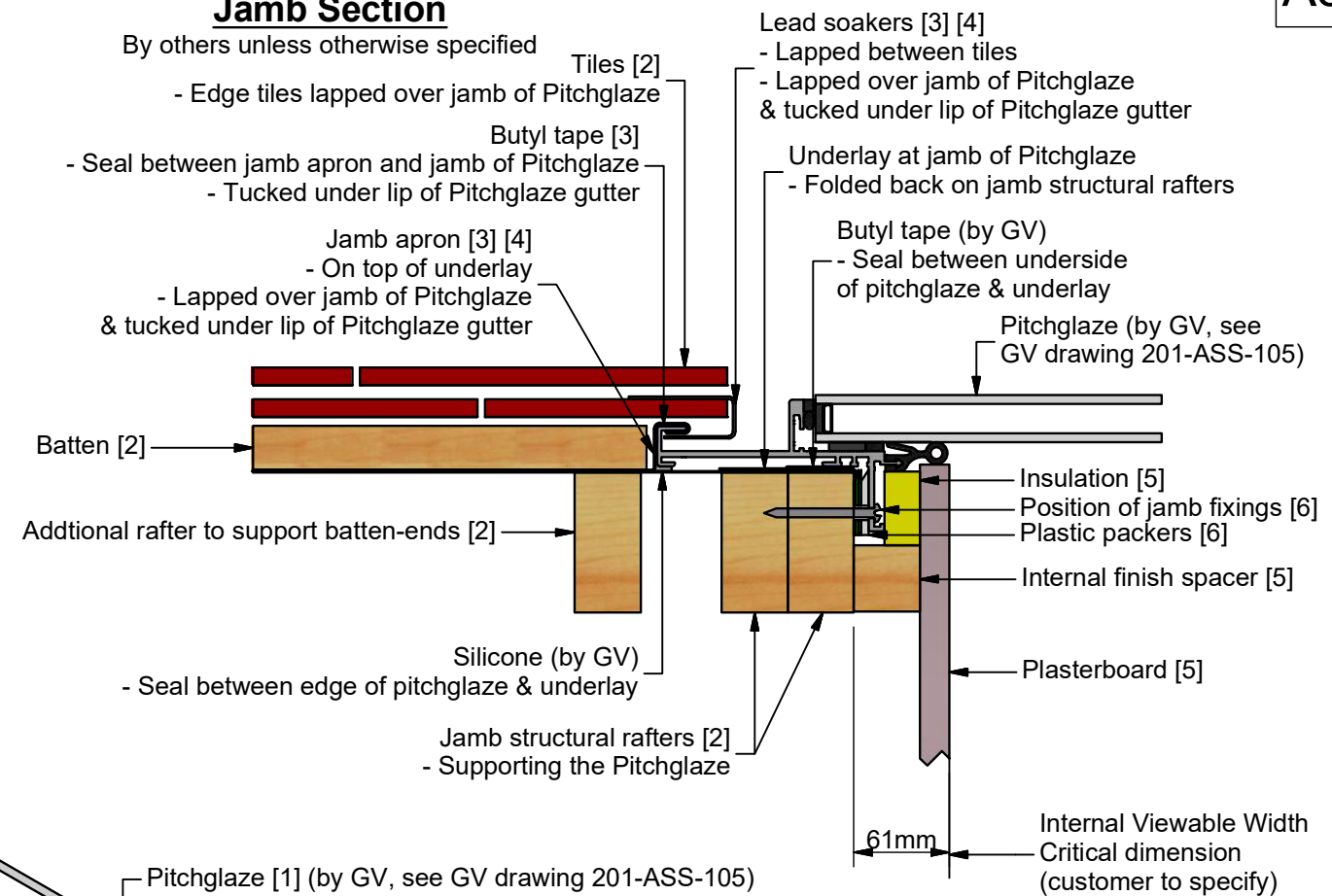
Please Note

These products can be very heavy. GV strongly recommend that a structural engineer is consulted when designing the structure(s) that will support the Pitchglaze and the surrounding roof. The roofing materials & construction shown in these details are presented as an example only. This drawing does not constitute a structural proposal.



Jamb Section

By others unless otherwise specified



Detail A

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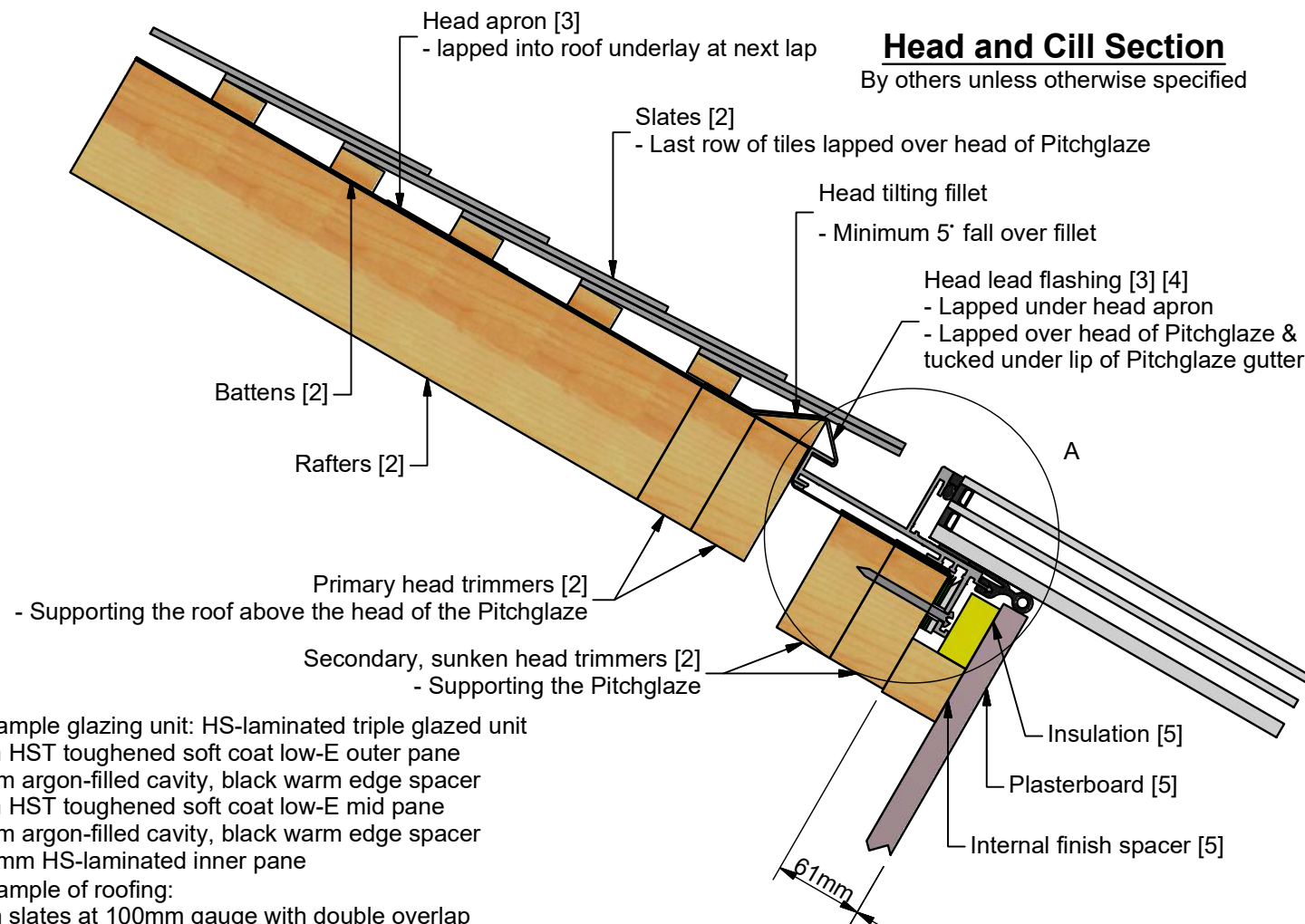
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Rev	Revision Description	Drawn/Date	Product: 201 - GV Standard Pitchglaze MkII	Checked By:
-	INITIAL ISSUE	JSL 12/04/2018	Description: Standard Installation GA	HL
A	Difference between structural rafter/trimmer opening and internal viewable opening revised from 65mm	JSL 08/11/2018	Materials: AS SITE HARDWARE LIST Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 08/11/2018
			Drawn By: JSL Drawn Date: 12/04/2018 Drawing No: 201-ASS-102	

Head and Cill Section

By others unless otherwise specified



[1] Example glazing unit: HS-laminated triple glazed unit
- 6mm HST toughened soft coat low-E outer pane
- 14mm argon-filled cavity, black warm edge spacer
- 6mm HST toughened soft coat low-E mid pane
- 14mm argon-filled cavity, black warm edge spacer
- 11.5mm HS-laminated inner pane

[2] Example of roofing:
- Plain slates at 100mm gauge with double overlap
- 36 x 18mm battens
- 4 x 2in rafters and trimmers

[3] Flashing kit:
- If specified then supplied by GV
- Otherwise supplied by others
- All lead to be code 4 (apx. 1.8mm)
- All aprons to be of underlay at least 1m wide
- Consider clipping flashings and soakers down in severe exposures

[4] Mortar beds are NOT suitable for use with this product
- In case of damage to the glass, the entire unit is expected to be replaced

[5] Example of internal finish:
- Plasterboard spaced away from the rafters/structural trimmers using 2in timber
- Space between plasterboard and aluminium frame of Pitchglaze insulated

[6] Fixings:
- Woodscrews and a selection of plastic packers supplied by GV

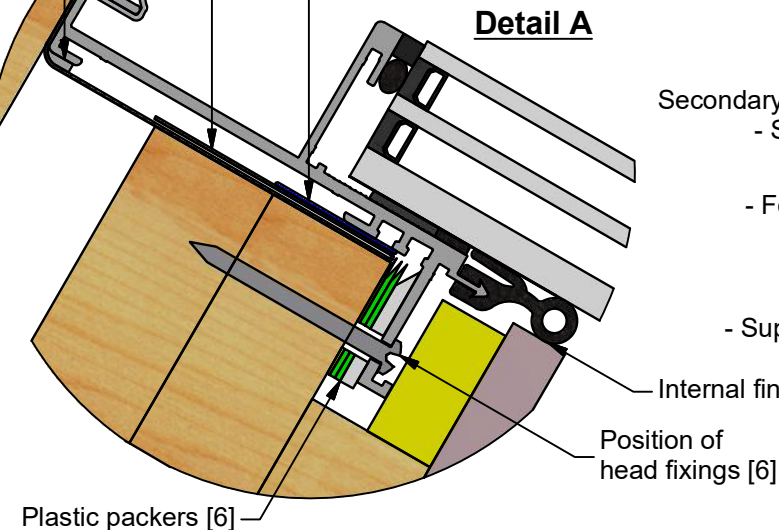
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Silicone (by GV)
- Seal between edge of pitchglaze & underlay

Underlay at head of Pitchglaze
- Folded back on secondary, sunken trimmers

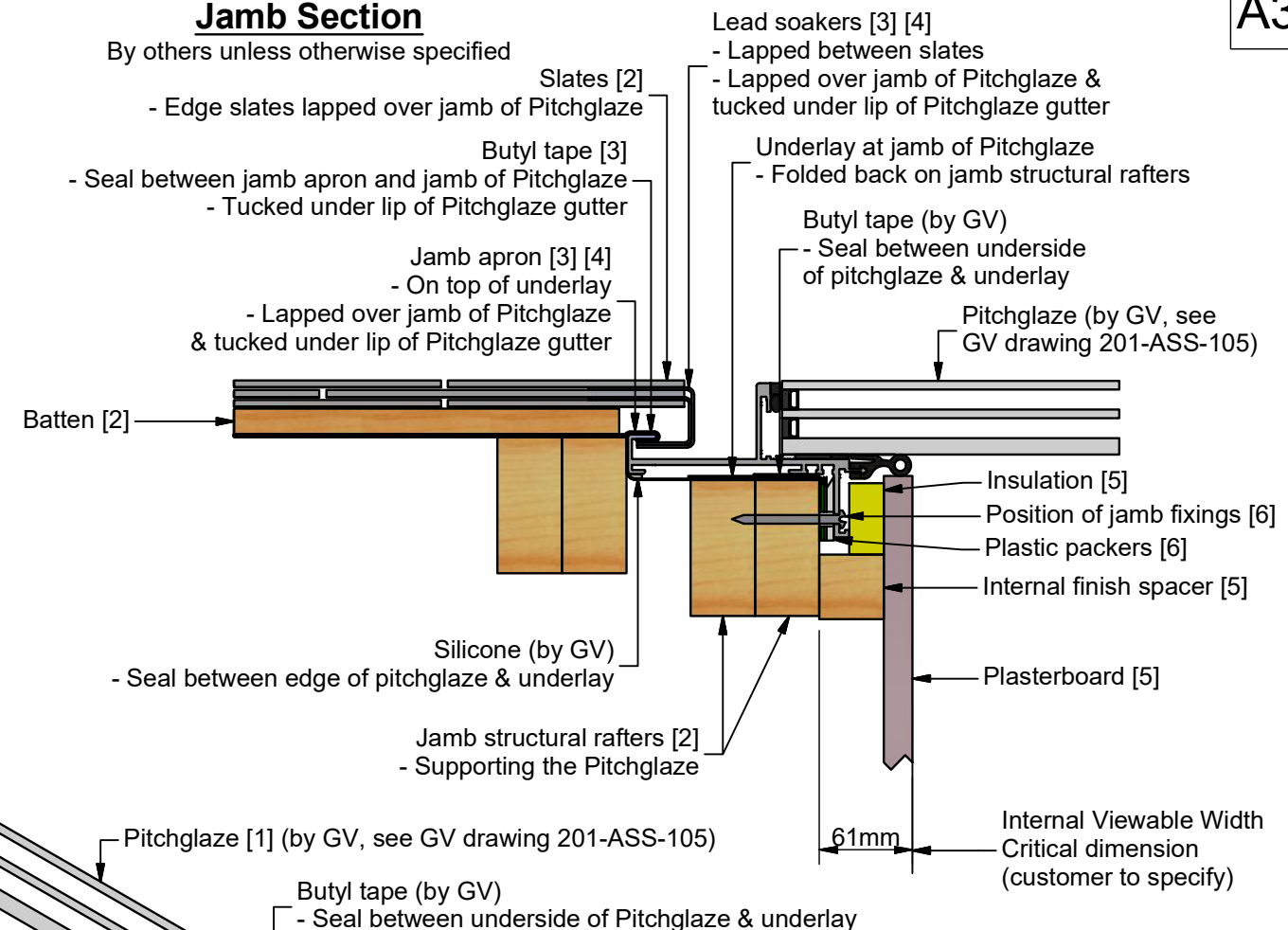
Butyl tape (by GV)
- Seal between underside of Pitchglaze & underlay

Detail A



Jamb Section

By others unless otherwise specified



Butyl tape (by GV)
- Seal between underside of Pitchglaze & underlay

Primary cill tilting fillet

- Minimum 5° fall over fillet
- On top of underlay

Cill lead flashing [3] [4]
- Lapped under cill of Pitchglaze
- Lapped over slates below Pitchglaze

Slates [2]

Rafters [2]

Battens [2]

Primary cill trimmers
- Supporting the roof below the cill of the Pitchglaze

Secondary, sunken cill trimmers [2]
- Supporting the pitchglaze

Underlay at cill of Pitchglaze
- Folded back on cill structural trimmers

Cill flashing support
- Supporting the cill lead flashing to prevent sagging & pooling
- Supporting the secondary cill tilting fillet

Secondary cill tilting fillet
- Minimum 5° fall over fillet
- Underneath the underlay

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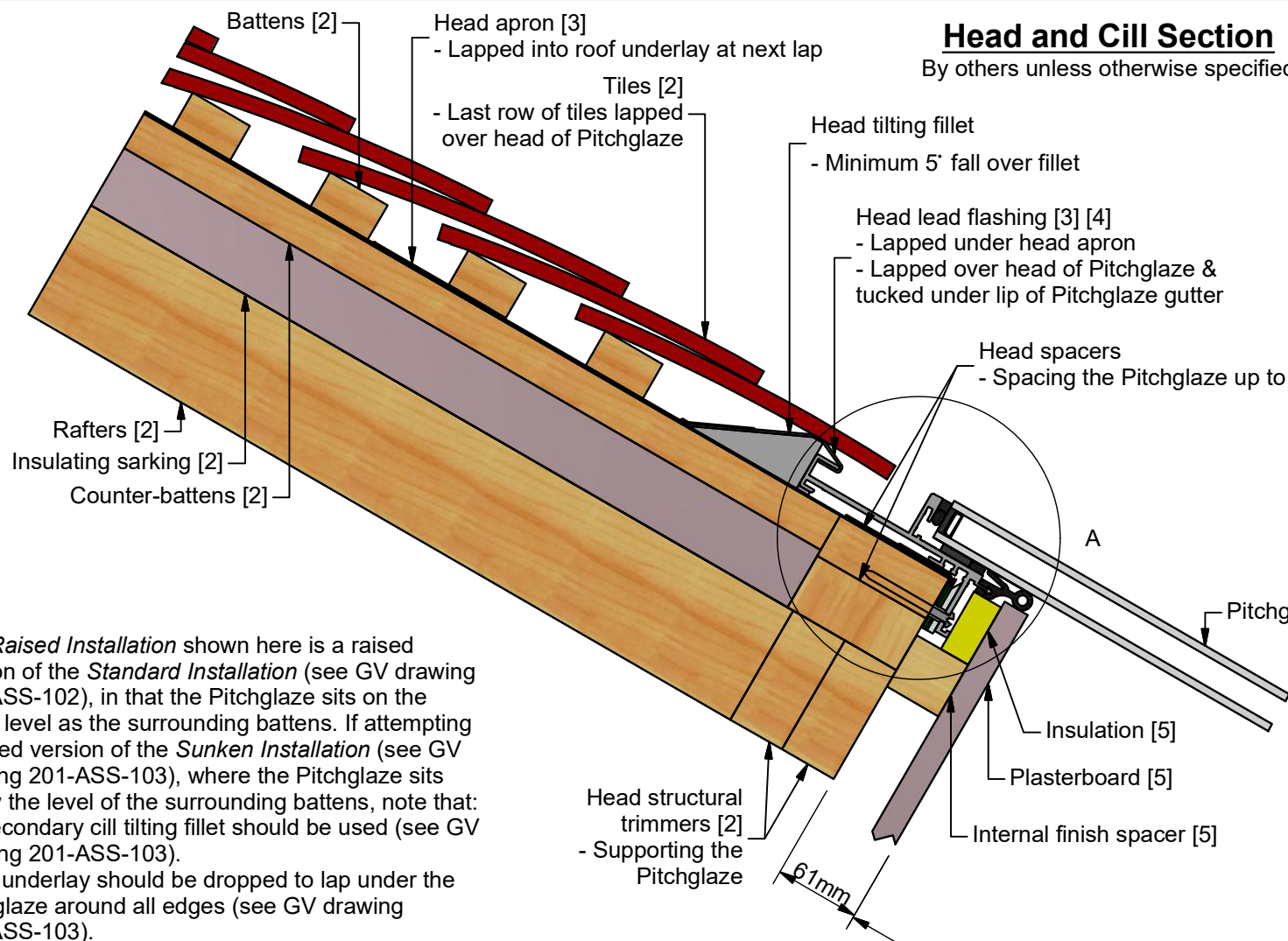
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Rev	Revision Description	Drawn/Date	Product: 201 - GV Standard Pitchglaze MkII	Checked By:
-	INITIAL ISSUE	JSL 12/04/2018	Description: Sunken Installation	HL
A	Difference between secondary, sunken rafter/trimmer opening and internal viewable opening revised from 65mm	JSL 08/11/2018	Materials: AS SITE HARDWARE LIST Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 08/11/2018
			Drawn By: JSL Drawn Date: 12/04/2018 Drawing No: 201-ASS-103	

Head and Cill Section

By others unless otherwise specified

**Note:**

The *Raised Installation* shown here is a raised version of the *Standard Installation* (see GV drawing 201-ASS-102), in that the Pitchglaze sits on the same level as the surrounding battens. If attempting a raised version of the *Sunken Installation* (see GV drawing 201-ASS-103), where the Pitchglaze sits below the level of the surrounding battens, note that:

- A secondary cill tilting fillet should be used (see GV drawing 201-ASS-103).
- The underlay should be dropped to lap under the Pitchglaze around all edges (see GV drawing 201-ASS-103).

[1] Example glazing unit: Toughened double glazed unit

- 6mm HST toughened outer pane
- 16mm argon-filled cavity, black warm edge spacer
- 6mm HST toughened soft coat low-E inner

[2] Example of roofing:

- Plain tiles at 120mm gauge with double overlap
- 50 x 30mm battens & counter-battens
- 50mm insulating sarking
- 4 x 2in rafters and trimmers

[3] Flashing kit:

- If specified then supplied by GV
- Otherwise supplied by others
- All lead to be code 4 (apx. 1.8mm)
- All aprons to be of underlay at least 1m wide
- Consider clipping flashings and soakers down in severe exposures

[4] Mortar beds are NOT suitable for use with this product

- In case of damage to the glass, the entire unit is expected to be replaced

[5] Example of internal finish:

- Plasterboard spaced away from the rafters/structural trimmers using 2in timber
- Space between plasterboard and aluminium frame of Pitchglaze insulated

[6] Fixings:

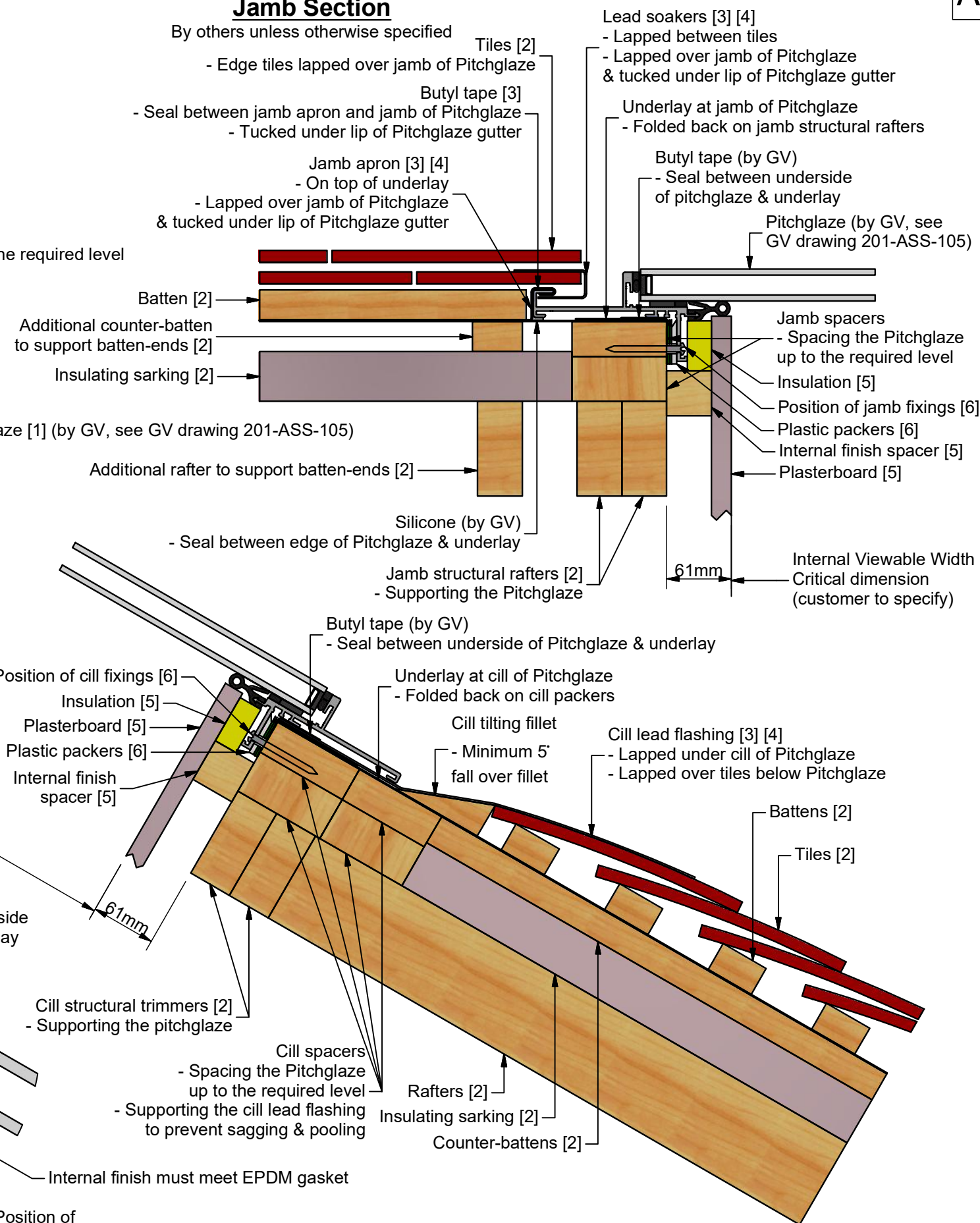
- Woodscrews and a selection of plastic packers supplied by GV

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Jamb Section

By others unless otherwise specified

**Detail A**

Butyl tape (by GV)

- Seal between underside of Pitchglaze & underlay

Plastic packers [6]

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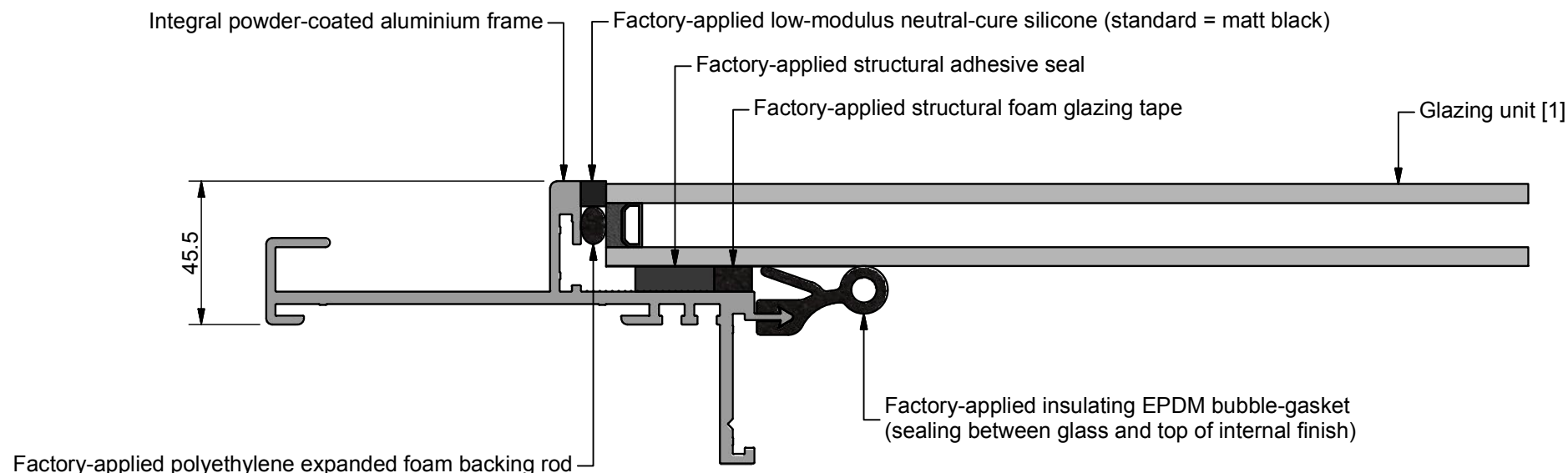
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Rev	Revision Description	Drawn/Date	Product: 201 - GV Standard Pitchglaze MkII	Checked By:
-	INITIAL ISSUE	JSL 12/04/2018	Description: Raised Installation	HL
A	Difference between structural rafter/trimmer opening and internal viewable opening revised from 65mm	JSL 08/11/2018	Materials: AS SITE HARDWARE LIST Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 08/11/2018
			Drawn By: JSL Drawn Date: 12/04/2018 Drawing No: 201-ASS-104	

GV Standard Pitchglaze MkII**Small Frame**

Used for glass between 26mm & 34.8mm in thickness
(typically double glazed units)

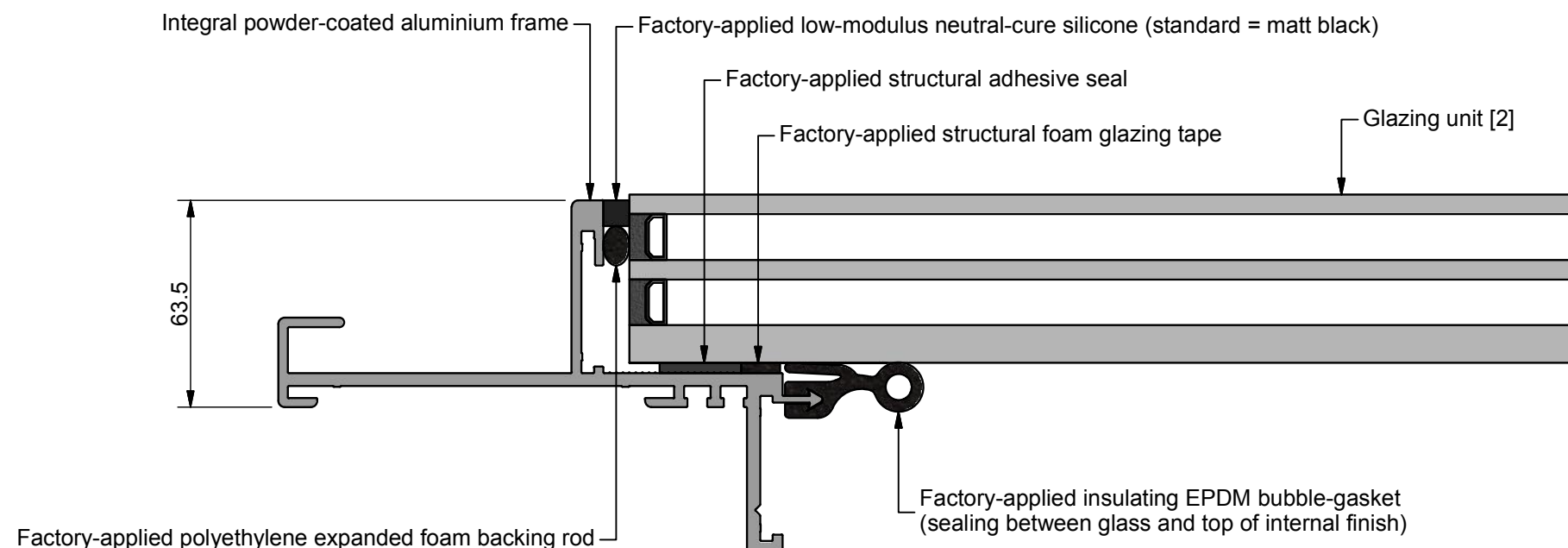
**For Both Frames**

For general dimensions, see GV drawing
201-ASS-101

For installation information, see GV drawings
201-ASS-102
201-ASS-103
201-ASS-104

GV Standard Pitchglaze MkII**Large Frame**

Used for glass between 44mm & 52.8mm in thickness
(typically triple glazed units)



[1] Example glazing unit: Toughened double glazed unit
- 6mm HST toughened outer pane
- 16mm argon-filled cavity, black warm edge spacer
- 6mm HST toughened soft coat low-E inner pane

[2] Example glazing unit: HS laminated triple glazed unit
- 6mm HST toughened soft coat low-E outer pane
- 14mm argon-filled cavity, black warm edge spacer
- 6mm HST toughened soft coat low-E mid pane
- 14mm argon-filled cavity, black warm edge spacer
- 11.5mm HS-laminated inner pane

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Rev	Revision Description	Drawn/ Date	Product: 201 - GV Standard Pitchglaze MkII Description: Pitchglaze Components	Checked By: HL
-	INITIAL ISSUE	JSL 24/01/2018	Materials: - Finish: - Weight: N/A Quantity: - Scale: NTS	Check Date: 24/01/2018
			Drawn By: JSL Drawn Date: 24/01/2018 Drawing No: 201-ASS-105	