

**Roof view**

Height of intermediate element must have a standard balcony railing height (105-120cm)

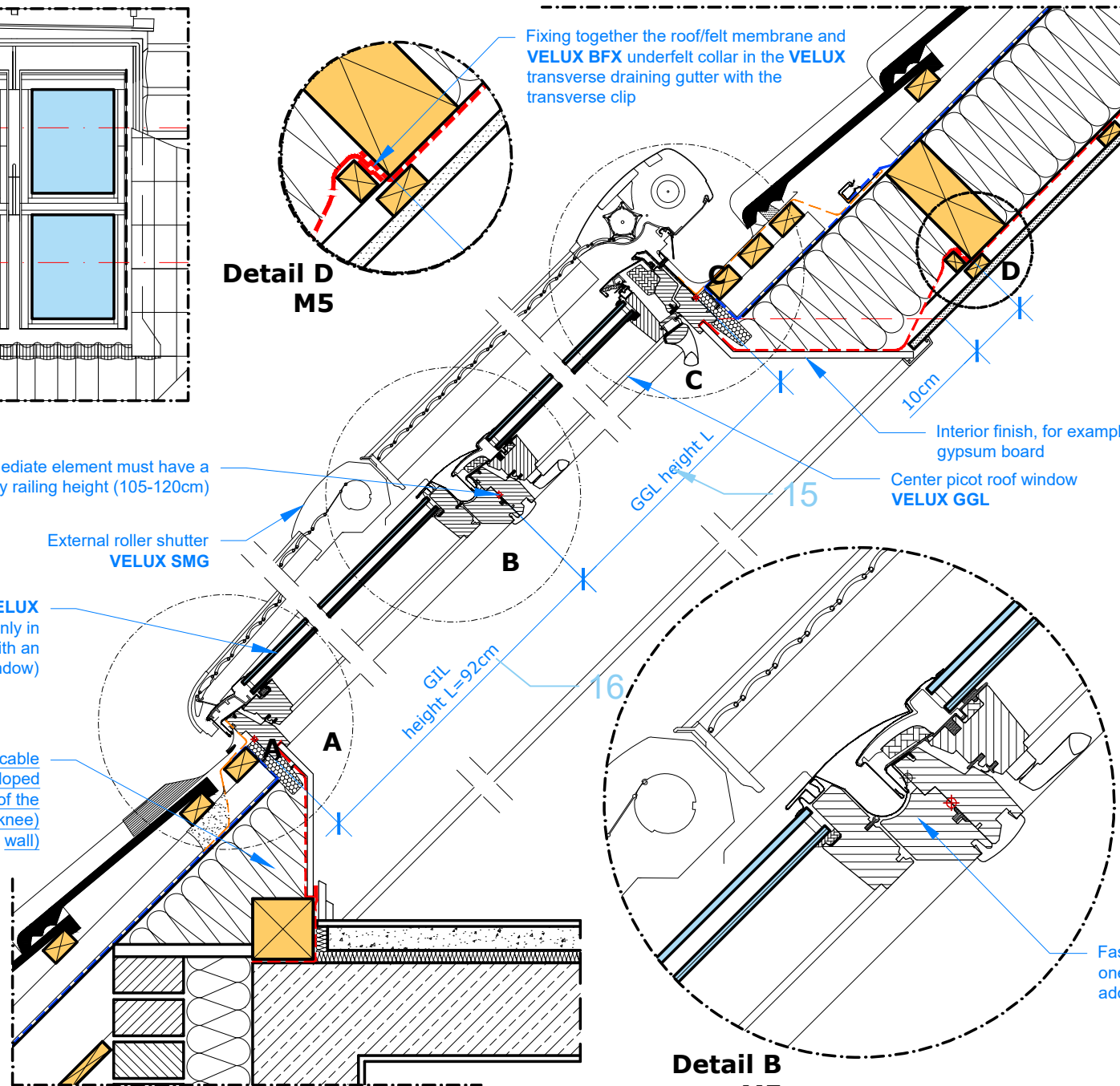
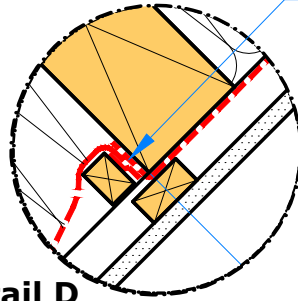
External roller shutter  
**VELUX SMG**

Fixed roof window **VELUX GIL** (installation only in combination with an openable roof window)

The solution is applicable for rooms with a sloped roof up to the level of the flooring (no attic (knee) wall)

Fixing together the roof/felt membrane and **VELUX BFX** underfelt collar with the transverse draining gutter with the transverse clip

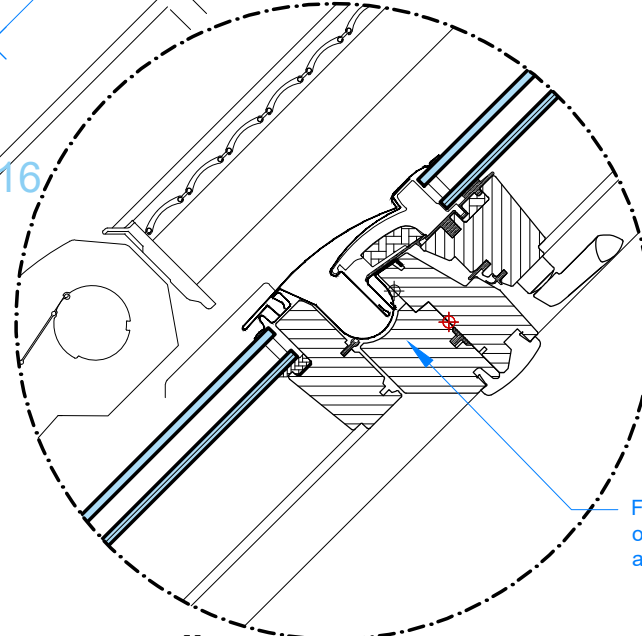
**Detail D M5**



10cm  
15  
Center picot roof window **VELUX GGL**  
Interior finish, for example gypsum board

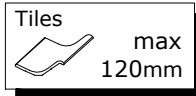
GIL height L=92cm  
16

**Detail B M5**



Fastening of the roof window frames to one another without the need of an additional bearing element

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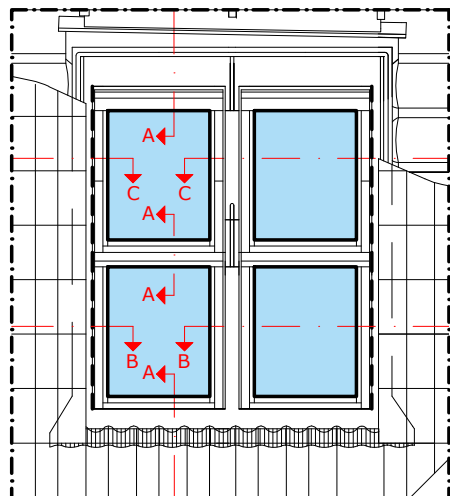


**Section A-A / M10**

**VELUX Products**

- GGL**  
15°-90°
- GIL**  
15°-90°
- EKW**  
15°-90°
- ETW**  
35°-53°
- ETX**  
35°-53°
- BFX**
- BDX 2000**
- BFX W34**
- BDX W34**
- X15 BBX**
- X16 BBX W34**
- SMG**  
15°-90°



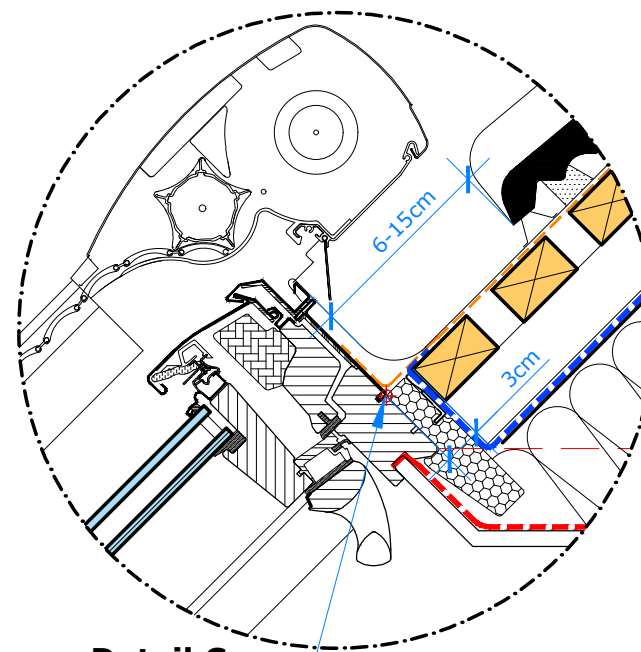


**Roof view**

Window sizes, outer frame sizes in cm

GPL_60	B x L
MK04	78 x 98
MK06	78 x 118
MK08	78 x 140
MK10	78 x 160
PK06	94 x 118
PK08	94 x 140
PK10	94 x 160
SK06	114 x 118
SK08	114 x 140
SK10	114 x 160
UK04	134 x 98
UK08	134 x 140

GIL_60	B x L
MK34	78 x 92
PK34	94 x 92
SK34	114 x 92
UK34	134 x 92



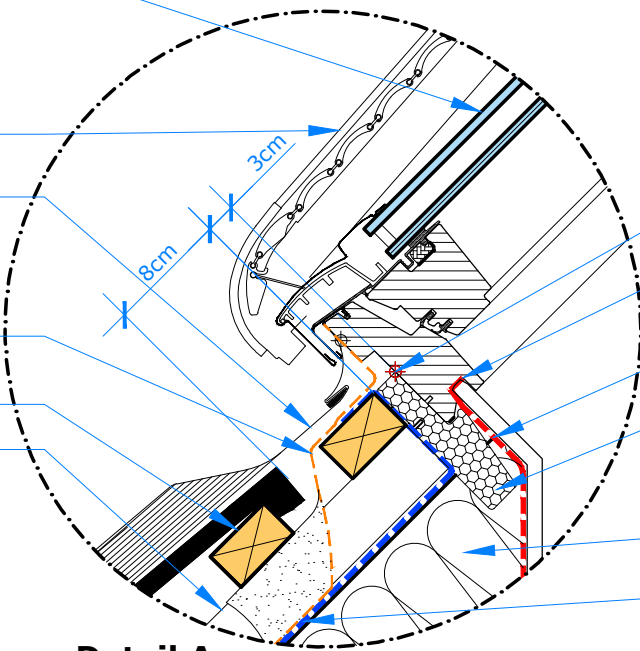
**Detail C  
M5**

Mounting of the roof windows with installation brackets to the battens framing the opening

Fixed roof window **VELUX GIL** (only in combination with a openable roof window above it)

External roller shutter **VELUX SMG**  
**VELUX EKW** Aluminum flashing for roof coverings with a profile height up to 120mm

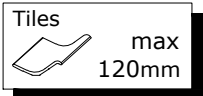
**VELUX BFX** Underfelt Collar  
Battens  
Counter battens



**Detail A  
M5**

Red level of installation  
Gasket on **BBX** in window rebate  
**VELUX BBX** vapour barrier  
Thermal insulation frame **VELUX BDX**  
Insulation  
Felt/ breather membrane

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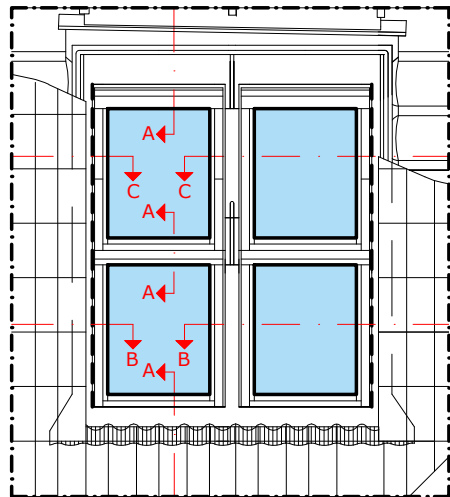


**VELUX Products**

- GGL**  
15°-90°
- GIL**  
15°-90°
- EKW**  
15°-90°
- ETW**  
35°-53°
- ETX**  
35°-53°
- BFX**
- BDX 2000**
- BFX W34**
- BDX W34**
- X15 BBX**
- X16 BBX W34**
- SMG**  
15°-90°

To avoid snow and ice damage from standing water at the top part of the window (between roller shutter and roof covering) - follow the current building standards and local regulations!

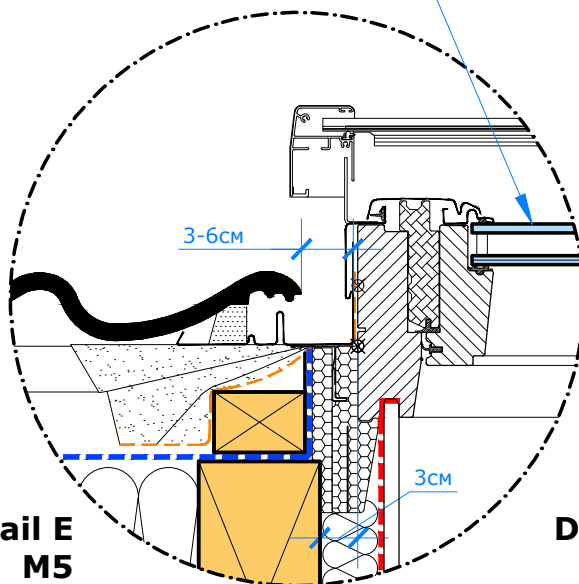




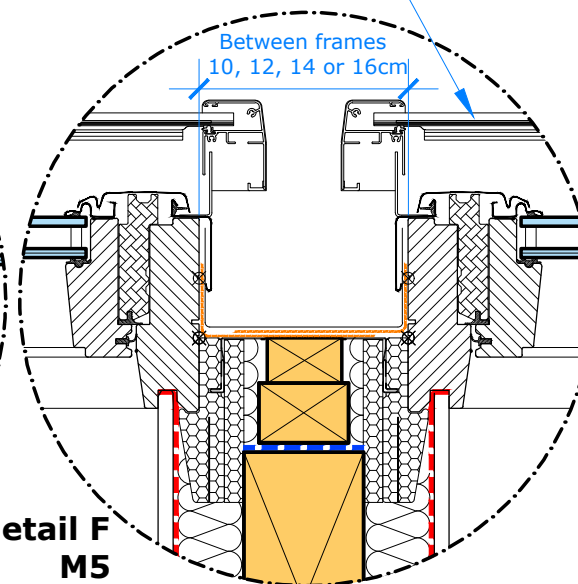
**Roof view**

Fixed roof window **VELUX GIL**  
(only in combination with a  
openable roof window above it)

External roller shutter  
**VELUX SMG**



**Detail E  
M5**

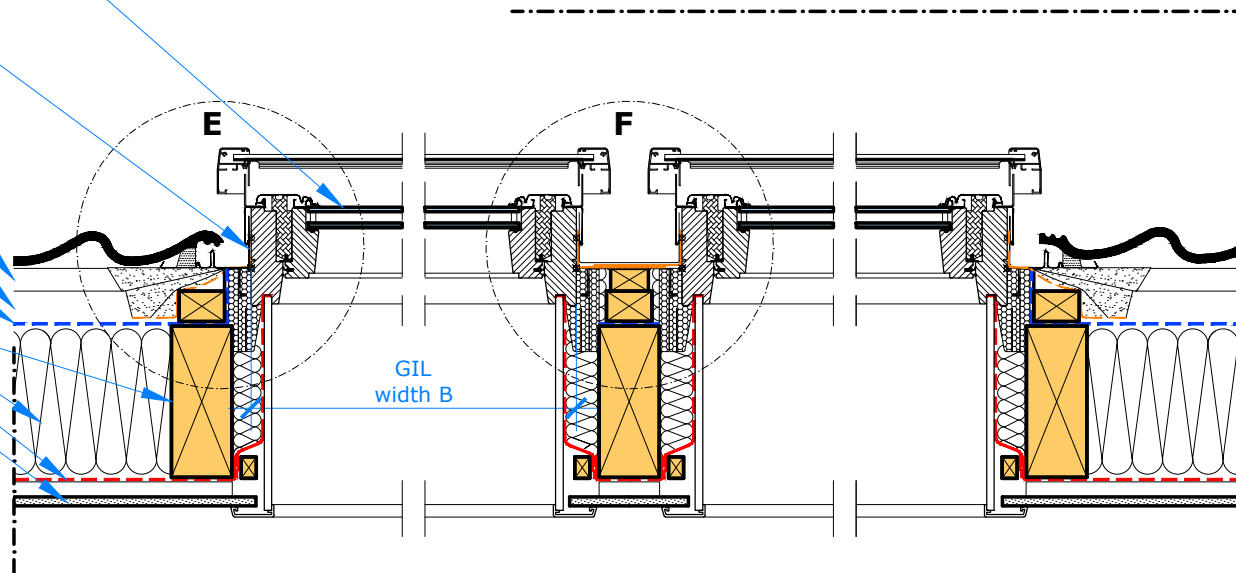


**Detail F  
M5**

Fixed roof window **VELUX GIL**  
(only in combination with a  
openable roof window above it)

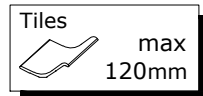
Side part of **VELUX EKW**  
aluminum flashing for roof  
coverings with a profile  
height up to 120mm

Battens  
Counter battens  
Felt/ breather membrane  
Rafter / Trimmer  
Insulation  
Roof vapour barrier  
Interior finish,  
for example gypsum board



**Section B-B / M10**

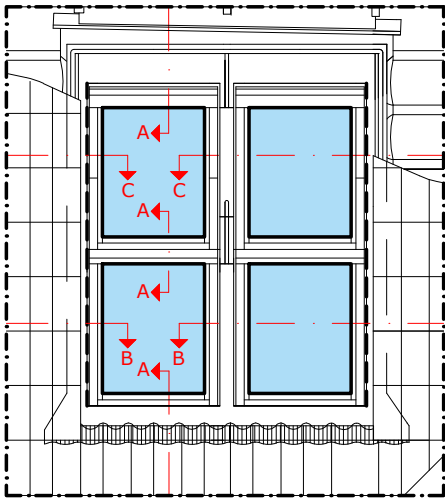
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	GGL 15°-90°
	GIL 15°-90°
	EKW 15°-90°
	ETW 35°-53°
	ETX 35°-53°
	BFX
	BDX 2000
	BFX W34
	BDX W34
	X15 BBX
	X16 BBX W34
	SMG 15°-90°

**VELUX Products**

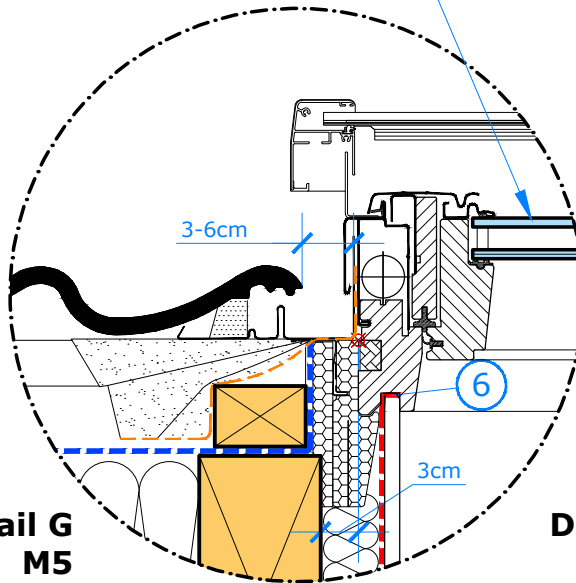




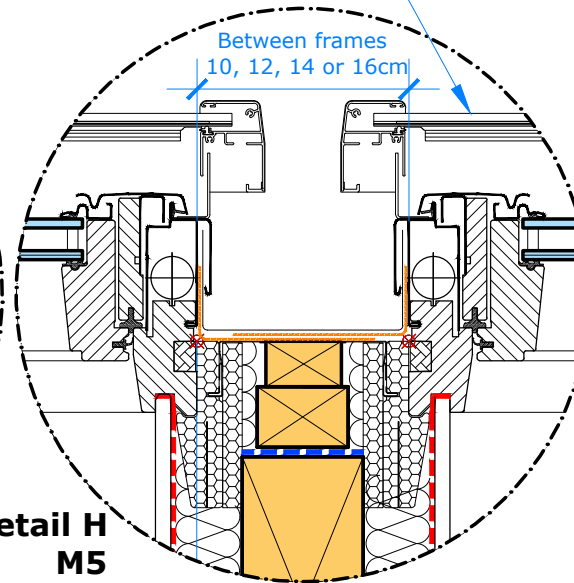
**Roof view**

Center-pivot roof window **VELUX GGL**

External roller shutter **VELUX SMG**



**Detail G  
M5**

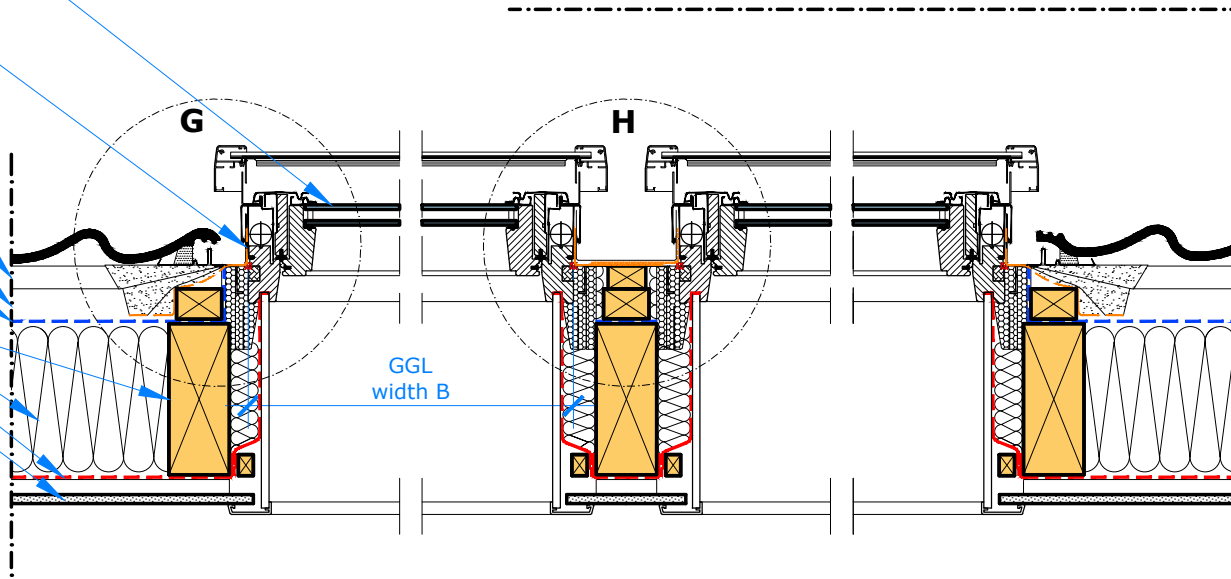


**Detail H  
M5**

Center-pivot roof window **VELUX GGL**

Side part of **VELUX EKW** aluminum flashing for roof coverings with a profile height up to 120mm

Battens  
Counter battens  
Felt/ breather membrane  
Rafter/ trimmer  
Insulation  
Roof vapor barrier  
Interior finish, for example gypsum board















**Section C-C / M10**

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Tiles max 120mm

**VELUX Products**

-  **GGL**  
15°-90°
-  **GIL**  
15°-90°
-  **EKW**  
15°-90°
-  **ETW**  
35°-53°
-  **ETX**  
35°-53°
-  **BFX**
-  **BDX 2000**
-  **BFX W34**
-  **BDX W34**
-  **X15 BBX**
-  **X16 BBX W34**
-  **SMG**  
15°-90°

