

SlimLine 38-HI+

Launch presentation



Reynaers
Aluminium



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SlimLine 38-HI+

**Enjoy light, elegance and
comfort at the fullest.**



Passive house insulation levels for steel look system



100% recycled insulation bars and minimal use of EPDM



No compromises on visual aspect



Reduced complexity and chance of making mistakes



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SlimLine 38-HI+



Passive house insulation levels for steel look system, designed to suite triple glass



100% recycled insulation bars and minimal use of EPDM



No compromises on visual aspect



Reduced complexity and chance of making mistakes

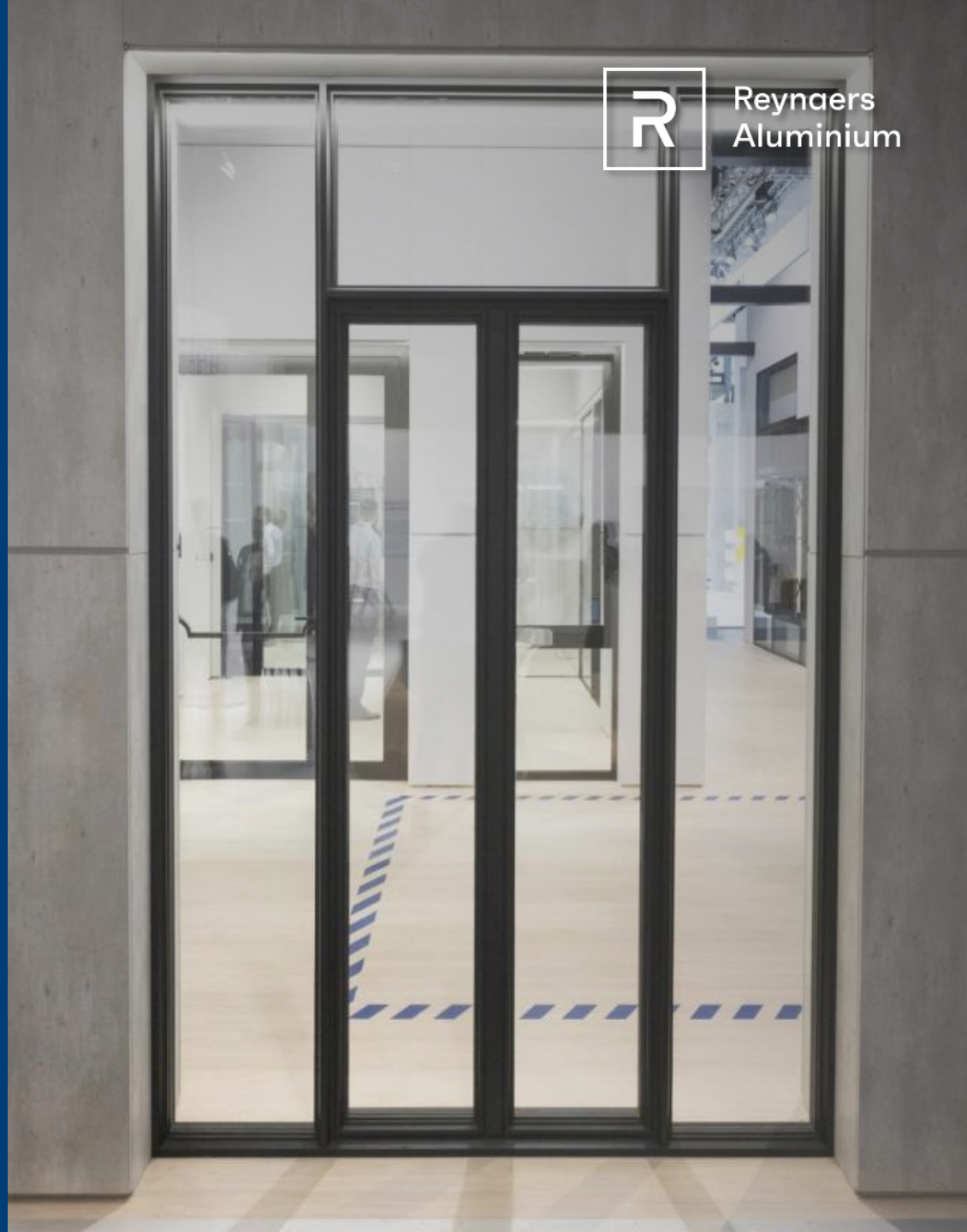
A unique product in the market: combining Passive house insulation levels with minimal sight lines and reduced carbon footprint.

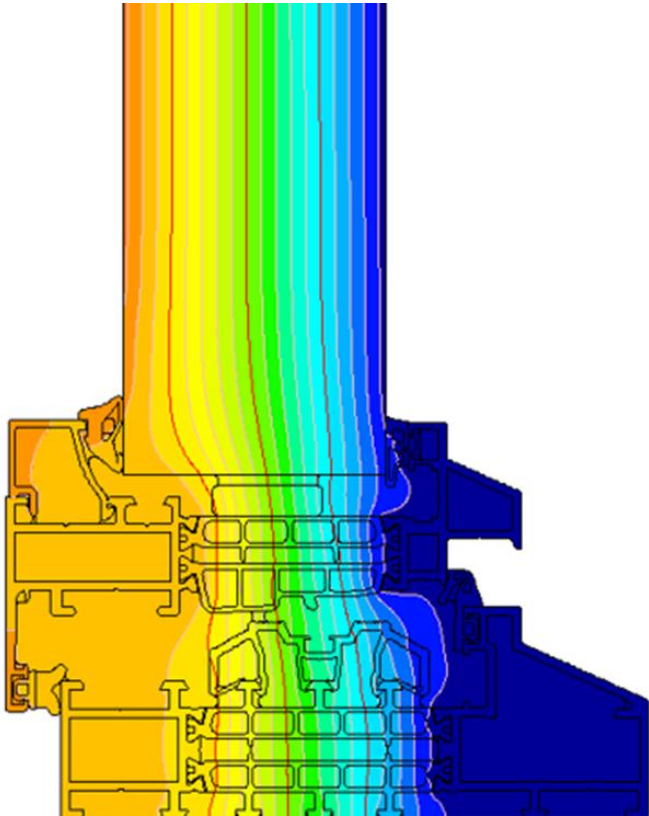
Features

1. All popular design variants from SlimLine 38 including the new Functional design
2. Slim window profiles for Passive housing
3. Frame-vent sightlines as from 72mm for inward opening
4. To be combined with MasterLine 8 doors
5. With 100% recycled insulation bars
6. With C2C certificate



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AWW performances:

> **4/C3/9A(600Pa)** for all opening types

U_f value for section shown:

1.5 W/m²K

U_w value (1.23x1.48)

U_g (HR++) = 1.0 → U_w = **1.2 W/m²K**

U_g (HR+++)= 0.6 → U_w = **0.87 W/m²K**

Acoustic performance

R_w = **48(-1;-3)dB**

Pricing:

Similar to MasterLine 8-HI

SlimLine 38-HI+

Available in the 4 design variants



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Classic

Available as 03D.0542.49



Cubic



Ferro

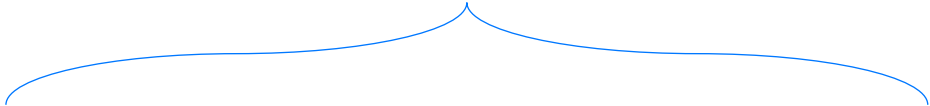


Functional

Available as 03D.0540.49

Only invisible window gear available

Inward opening



New Sobinco Cosmo

As from 02/2026

AWW:
4/C3/E900
@1200x3000m

Sobinco Chrono

AWW:
4/C4/E900
@1200x2800m

FAPIM MagiCube

As from 02/2026

AWW:
4/C4/9A-E750
@1200x3000m

Outward opening

**Siegenia Alu 5200 + Caldwell
friction stays**

As from 07/2026

With PAS 24

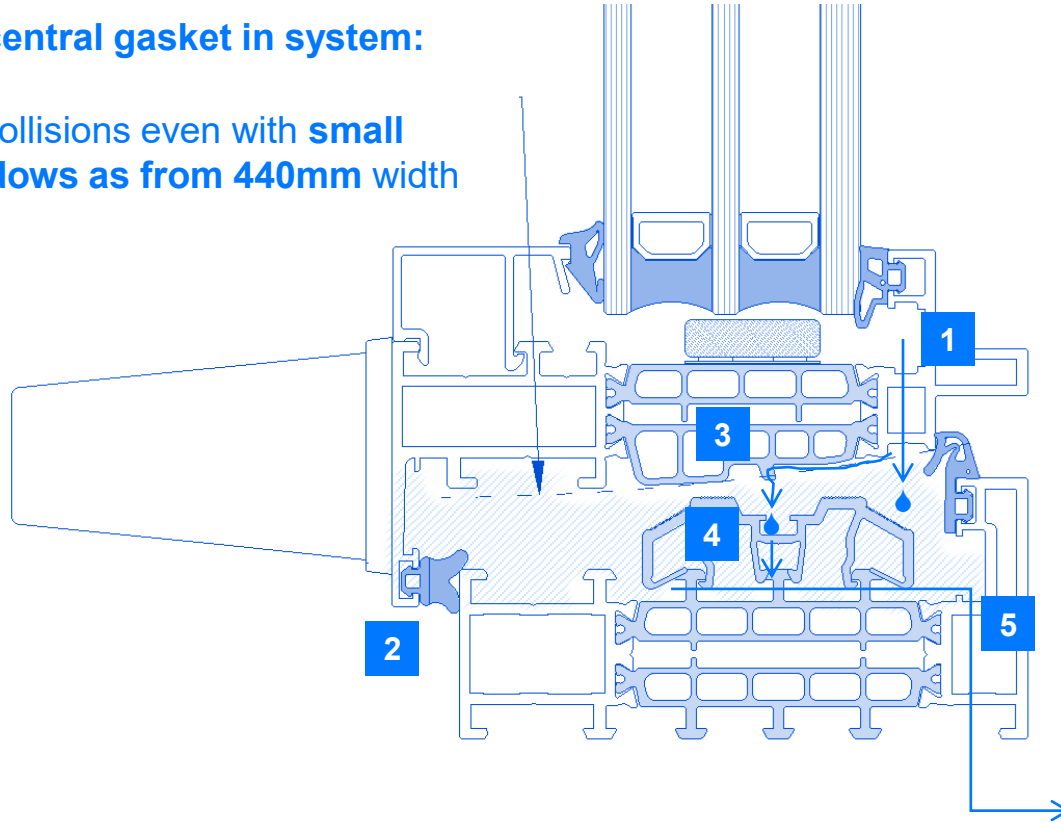
**Sobinco with RC2, but with Chrono smallest vent
widths are limited to 700mm**

No compromise on sight lines

Minimal window sizes are determined by functional limits

No central gasket in system:

No collisions even with **small windows as from 440mm width**

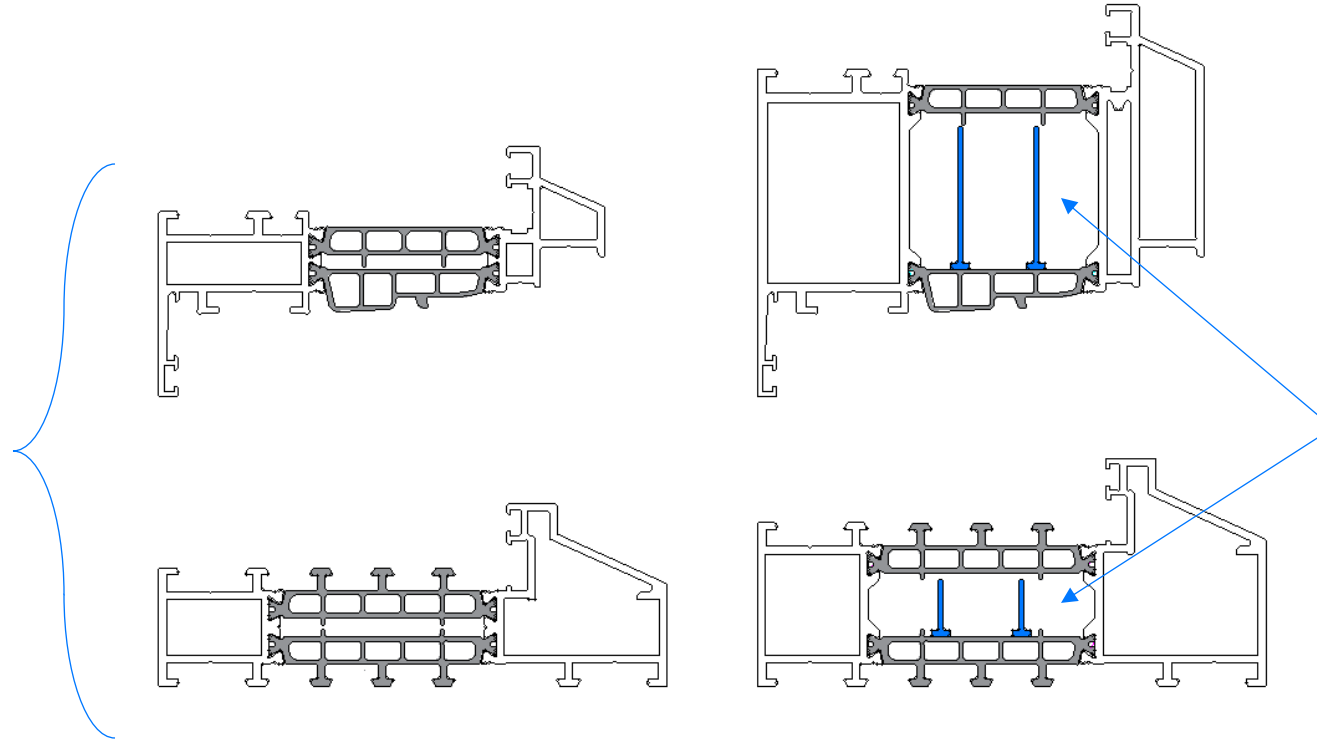


1. Standard drainage of vents
2. Air-tightness is key – only concealed hinges
3. Drip nose further back to allow droplets to fall on a **controlled position without compromising turning radius**
4. Insulation profile with gutter and dedicated drainage pieces to **collect droplets** and drain to frame
5. Standard drainage of frames

New strip technology

Recycled content, improved Lambda & Modular

3 base strips for the whole system in **100% recycled, reduced lambda polyamide**:
 λ of 0.21W/(mK)

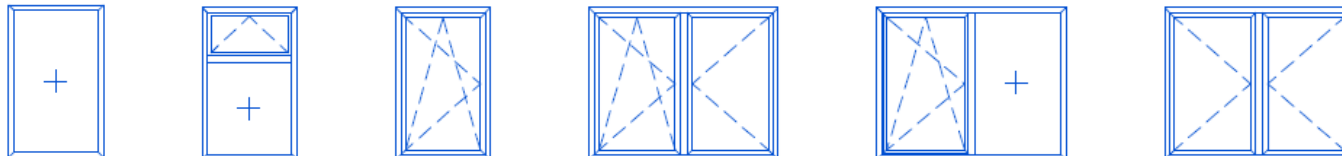
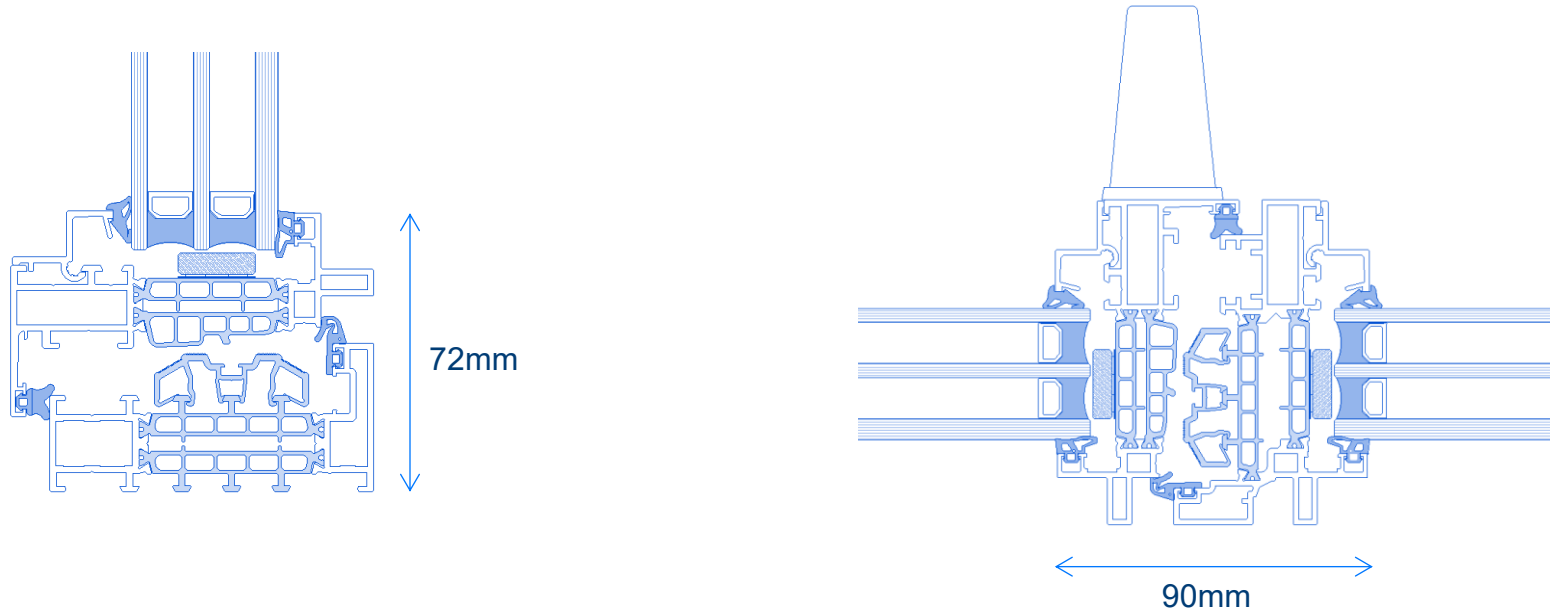


Add-on flanges in **recycled polyamide with low-E foil** for larger profiles

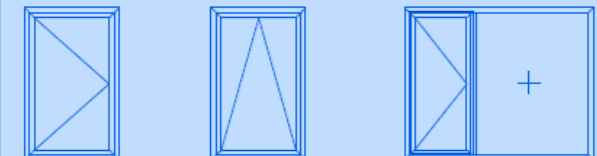
This new technology allows us to offer a wide range of profiles with exceptional thermal performances without foam inserts

Identical appearance as SlimLine 38 (incl. new beads)

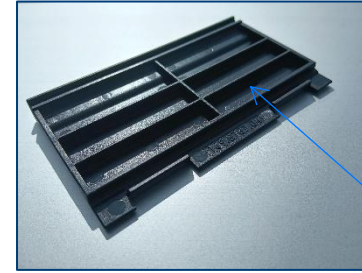
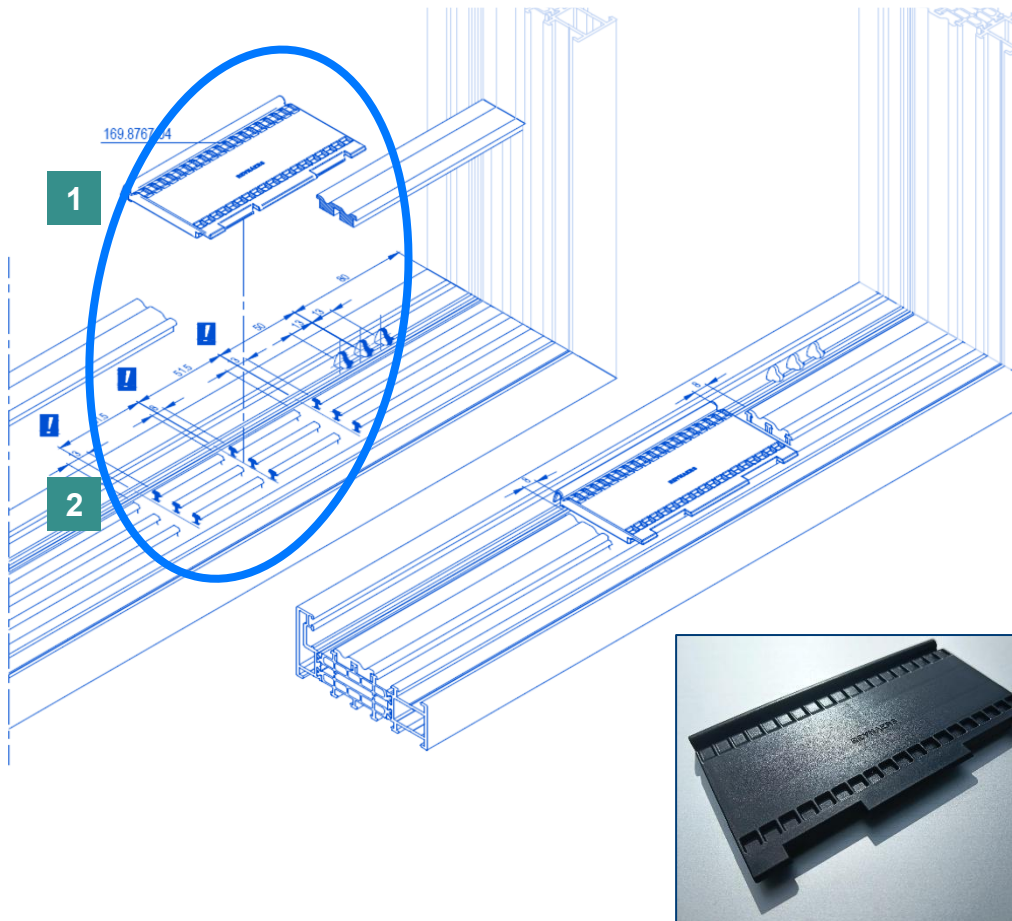
Integrated double casement profiles available for Classic, Ferro and Functional



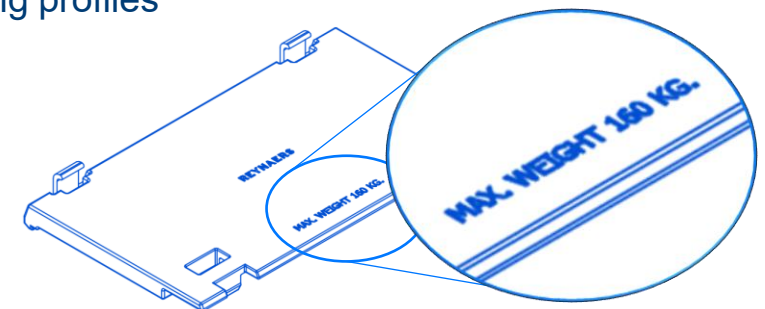
Tests planned Q4'25



Intelligent and fail-safe design

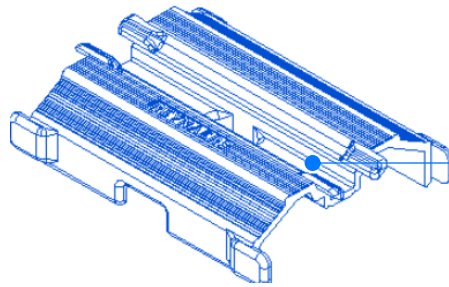


1. Glass supports with large ribs for **additional strength without compromising** visual width. Max 280kg for fixed.
2. Grooves in profile for drainage and to position the glass supports. **Position always correct** and drainage grooves **cannot be forgotten**.
3. For vents an **indication of maximum allowed weights** for vents (160kg glass weight) that can be used for **inward and outward** opening profiles



Drainage and decompression pieces

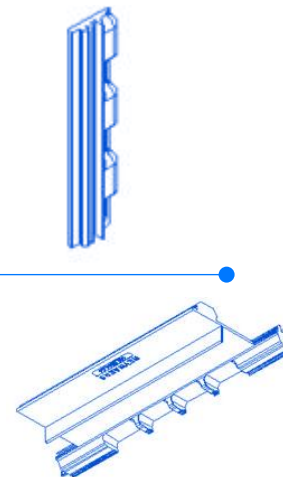
168.8655.04



To allow water to drain freely and for **easy fabrication** dedicated drainage pieces have been developed. The **insulator profile can be cut in straight sections** and easily snapped into place.

Decompression pieces from SlimLine 38 are being re-used, giving the system a **qualative finish** and **less messy work** with sealants and a more fail-safe production.

180.8994.04



180.9000.04



Technical details



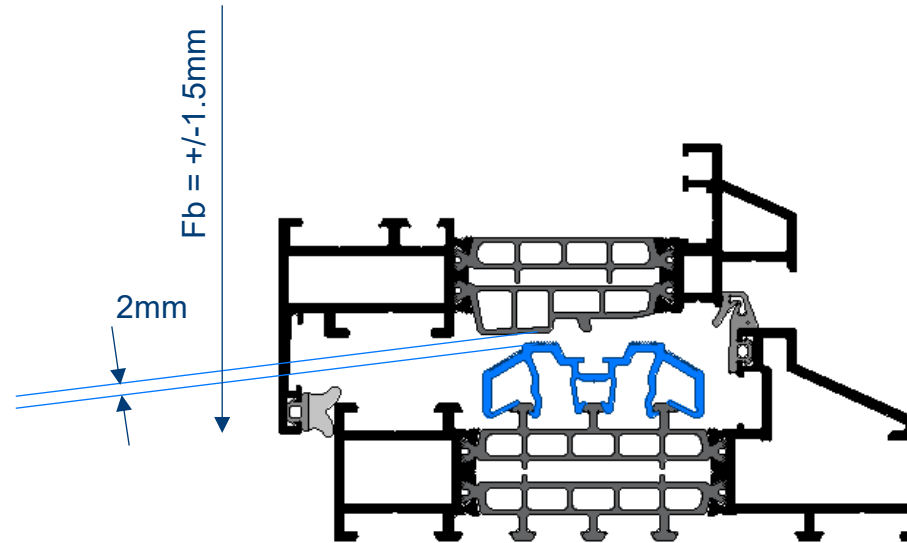
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Insulator profile

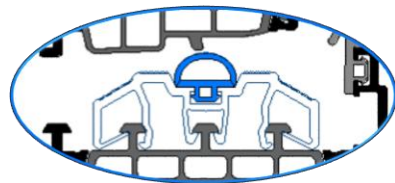
2 different positions

An insulator profile is used that can be positioned on 2 positions to allow for more cutting tolerances and is faster to apply than a central gasket.



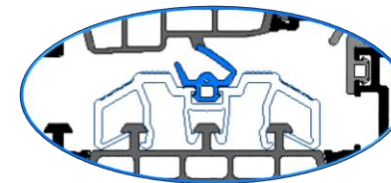
However we notice that the profile is **sometimes positioned on the deepest position when not needed** and the theoretical required gap of 2mm for thermal calculations has become 3mm and due to shape cannot be corrected anymore.

There are 2 gasket options to fill the gap to make sure Uf values are still valid:



180.9640.04

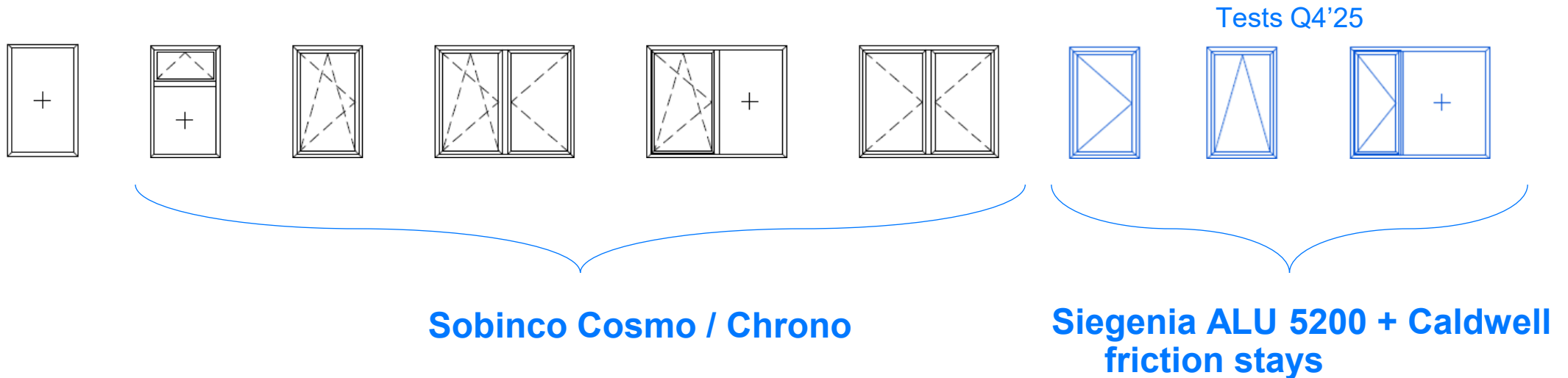
- Already required in this profile on double casement sections



180.9113.N4

- Touches the vent profile to prevent patent infringements in **French and German markets**

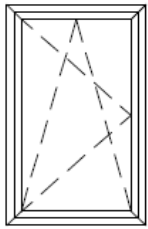
Hardware options



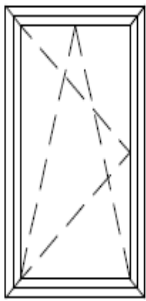
- Inward opening will be available with Sobinco **Chrono and Cosmo**:
 - With **Cosmo max Fh = 3000mm** vs 2800 in Chrono
 - With **Cosmo RC2 min Fb = 440mm** vs 700mm in Chrono
 - **Only with concealed hinges** to not have air loss via hinges

Test results

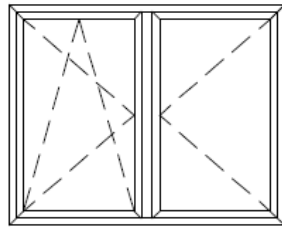
Overview of tested elements



AWW:
4/C4/E900
@1230x1480m



AWW:
4/C4/E900
@1400x3000m

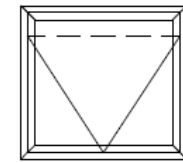
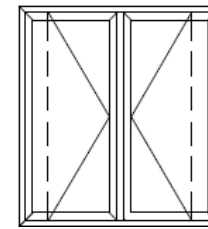
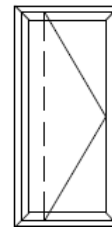


AWW:
4/C3/E900
@2x700x1800

Acoustic window:
48(-1;-3)

Durability
20.000cycles

RC2 (official conformity certification pending @ Buildwise)

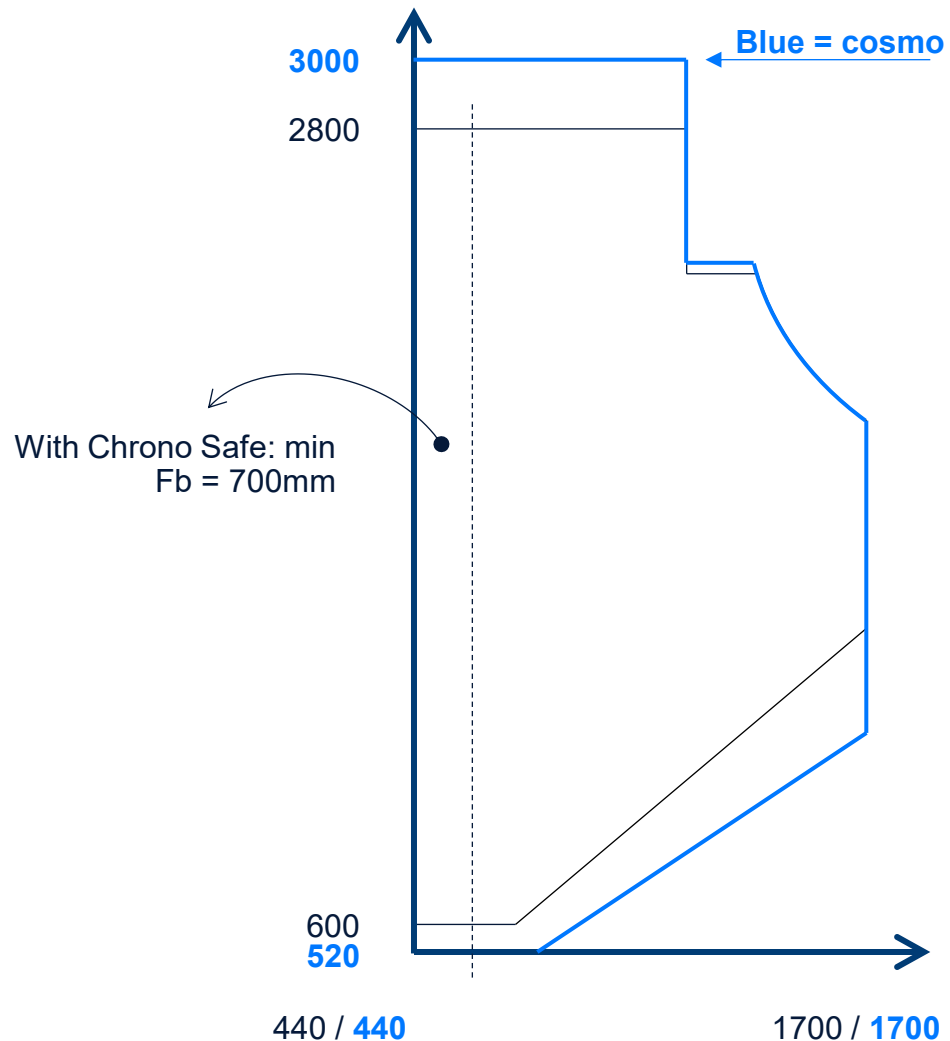


AWW planned for 2025

PAS24 (official conformity certification pending @ UL)

Min-Max dimensions

Chrono, larger and smaller possible with Cosmo



Example of Turn-tilt element:

- Vent height up to 3000mm
- For RC2, min vent width from 440mm
- More landscape-type windows are possible

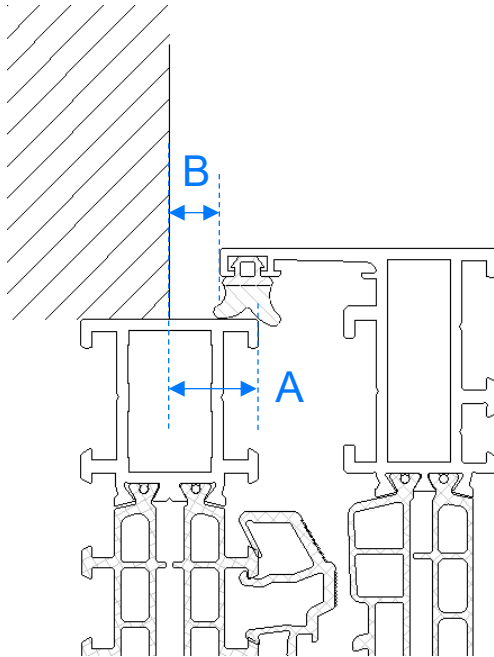
Maximum vent weights same as SlimLine 38: 170kg

Windows up to 2,8m also possible with smallest vents with glass bonding, similar as to SlimLine 38

1. **Fewer components** via more versatile usage of articles and fewer L/R variants
2. Simplified production
 - **Standardisation of position of locking points**
 - **Simplified connection between link bars and gearbox**
 - **More efficient assembly of double windows**
3. Long anticipated **180° opening possible**
4. Simple **conversion from Turn-Tilt to Tilt-Turn**
5. **Extensively tested by Reynaers** on CS 77, SlimLine 38, MasterLine 8 and of course SlimLine 38-HI+

Window operating limits

90° opening



For free operating **windows up to 90°** there are limits, **dimension B needs to be at least 5mm** (dimension A 10.5mm).

Note:

This dimension is the absolute minimum for 90° opening. More space is advised for finishing and painting the window reveal.

Cosmo operating limits reinforced profiles

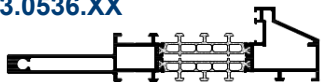
90° opening

OK

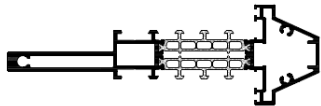
Not to be used on hinge side!

With limited adjustability

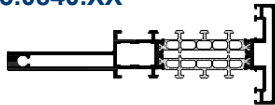
503.0536.XX



503.1950.XX

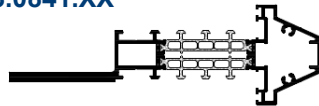


503.0840.XX

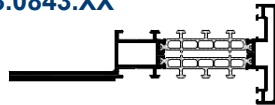


(Dimension A = 11mm)

503.0841.XX

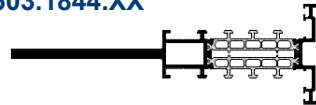


503.0843.XX

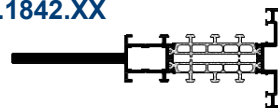


(Dimension A = 21,5mm)

503.1844.XX

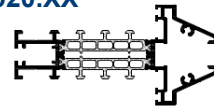


503.1842.XX

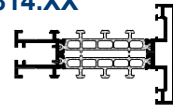


(Dimension A = 10mm)

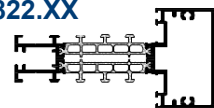
503.0920.XX



503.0814.XX



503.1822.XX



(Dimension A = 9mm)

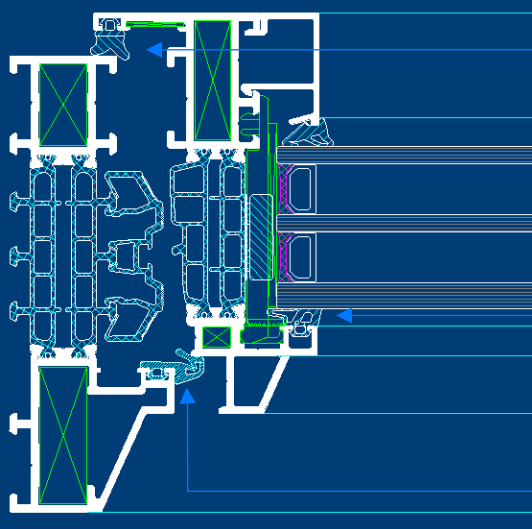
Use opening limiter <90°

Sections

Inward opening



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Since not using a central gasket, gasket **180.0048.04** is used to give more compression and better air-tightness results → better water tightness.

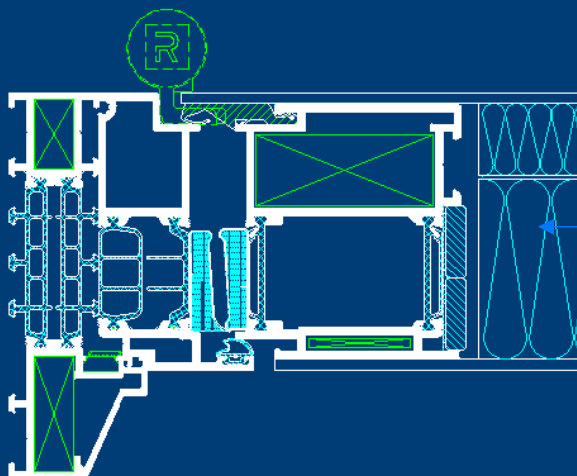
Note: 022.0048.04 cannot be used!

Same outer glazing gasket as MasterLine 8 (& SlimLine 38 since 2024)

Same rebate gasket as SlimLine 38 Balcony & Terrace doors

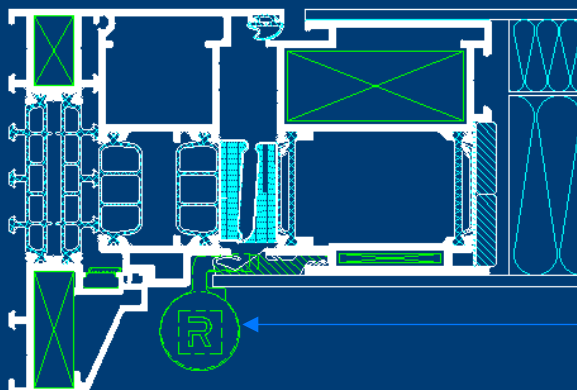
Sections

SlimLine 38-HI+ → MasterLine 8 Door inserts



Can be combined with any MasterLine 8 flush doors, e.g. panel doors, panic doors, etc.

For inward and outward opening doors



Only with Rollenband hinges

.BC references

bi-colour profiles for smallest transoms

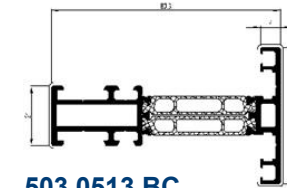
All frames and transom/mullions are based on profiles with an inner scale of at least 25mm => visual width of transoms = 52mm.

To be able to use transom inside vents, inner half scales of 21mm need to be used. Consequently strips are too close to each other to be able to be painted or anodised.

These profiles are only available in bi-colour and can be recognised by a .BC reference.

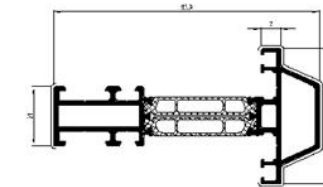
The bi-colour profiles are always inside of a vent and the black strips will not be visible when the window is finished.

503.0213.BC



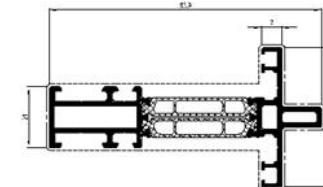
Cubic (and also Classic and Ferro)

503.0513.BC



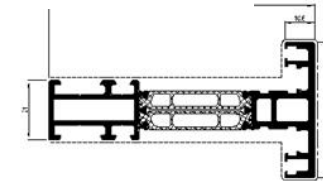
Classic

503.0813.BC



Ferro

503.0413.BC



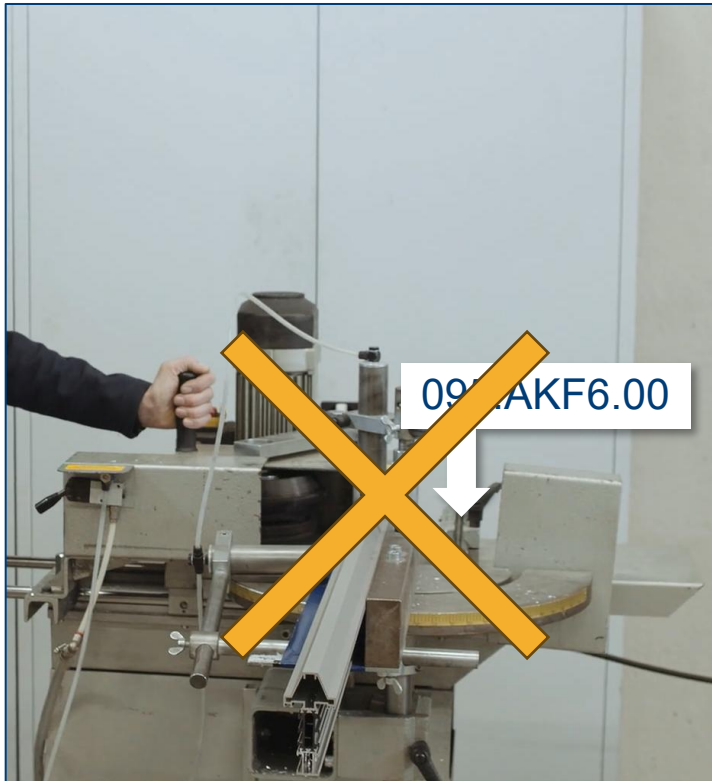
Functional

Bi-colour process only:
503.0x13.**BC** !

Local painting not possible

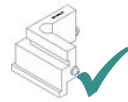
Processing

Due to system depth limited possibilities with conventional tooling



End milling tool 095.AKF6.00 cannot be used anymore

New tooling:



095.H822.00 PRESS BLOCK



095.H823.00 PRESS BLOCK



097.0899.00 BORING JIG SCREW CORNER CLEAT



097.1003.00 BORING JIG SCREW CORNER CLEAT



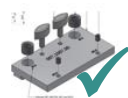
097.1004.00 BORING JIG T-CONNECTION



097.1005.00 BORING JIG DRAINAGE



097.1006.00 BORING JIG SCREW CORNER CLEAT



097.1007.00 BORING JIG SCREW CORNER CLEAT

Pricing



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Positioning & Price comparison

SlimLine 38-HI+ Functional vs other systems

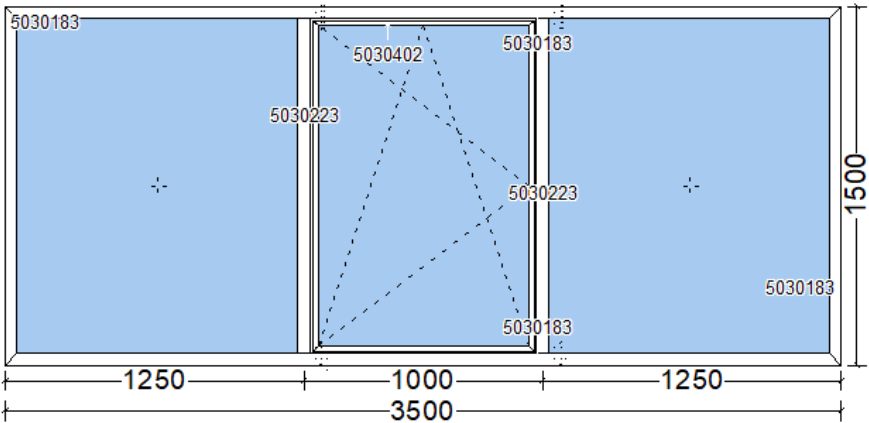


Position	Quantity	Uf	Ug,p	'psi'	UW,UD,Ucw	Glass area
SL38-HI+ - 180.9640	1 Pcs	1.3 W/m²K	0.5 W/m²K	0.031 W/mK	0.70 W/m²K	4.472 m²
SL38-HI	1 Pcs	1.8 W/m²K	0.5 W/m²K	0.031 W/mK	0.78 W/m²K	4.472 m²
MasterLine 8-HI	1 Pcs	1.4 W/m²K	0.5 W/m²K	0.031 W/mK	0.75 W/m²K	4.249 m²
MasterLine 8-HI+	1 Pcs	1.3 W/m²K	0.5 W/m²K	0.031 W/mK	0.73 W/m²K	4.249 m²

> SL38HI+ - 180.9640	1 Pcs	Estimation	0.70	⚠ Window Element, 3500 mm x 1500 mm,...	794.79 EUR	794.79 EUR
> SL38HI	1 Pcs	Estimation	0.78	⚠ Window Element, 3500 mm x 1500 mm,...	652.61 EUR	652.61 EUR
> MasterLine 8-HI	1 Pcs	Estimation	0.75	⚠ Window Element, 3500 mm x 1500 mm,...	685.23 EUR	685.23 EUR
> MasterLine 8-HI+	1 Pcs	Estimation	0.73	⚠ Window Element, 3500 mm x 1500 mm,...	814.90 EUR	814.90 EUR



SlimLine 38 SlimLine 38-HI+ MasterLine 8



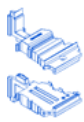
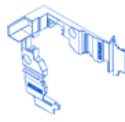
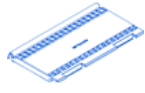
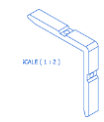
Profile overview

✓ = ready to order ⚠ = pending proto approval / stock

	Vents	Transoms for vents	Integrated double casement	Frames	Transom / Mullions	Mullions	Double casement	Others
Classic	503.0102.XX ✓ 503.0192.XX ✓ 503.0112.XX ✓ 503.0051.XX ✓	503.0513.BC ✓	503.0105.XX ✓ 	503.0136.XX ✓ 503.1236.XX ✓ 503.0536.XX ✓ 503.0445.XX ✓ 503.0083.XX ✓ 503.0336.XX ✓ 503.1598.XX ✓	503.0320.XX ✓	503.0920.XX ✓ 503.0841.XX ✓ 503.1950.XX ✓	503.1015.XX ✓ 503.0356.XX ✓ 503.0256.XX ✓	503.0093.XX ✓
Ferro	503.0302.XX ✓ 503.0392.XX ✓ 503.0312.XX ✓ 503.0351.XX ✓	503.0813.XX ✓	503.0305.XX ✓ 	503.1039.XX ✓ 503.0183.XX ✓ 503.0444.XX ✓ 503.0224.XX ✓ 503.7039.XX ✓	503.0223.XX ✓ 503.0265.XX ✓	503.0814.XX ✓ 503.0230.XX ✓ 503.1842.XX ✓ 503.1844.XX ✓ 503.0840.XX ✓ 503.0822.XX ✓ 503.0843.XX ✓ 503.0231.XX ✓	503.0451.XX ⚠ 503.1056.XX ⚠ 503.0894.XX ✓ 503.0896.XX ✓ 503.0898.XX ✓	
Functional	503.0402.XX ✓ 503.0492.XX ✓ 503.0412.XX ✓ 503.0451.XX ✓	503.0413.XX ✓	503.0405.XX ✓ 					
Cubic	503.0202.XX ✓ 503.0292.XX ✓ 503.0212.XX ✓	503.0213.XX ✓						

Accessory overview

✓ = ready to order

	168.8655.04	Piece drainage 50mm	✓
	168.8696.04	Sealing t-bracket	✓
	169.6954.04	Set double casement pieces	✓
	169.6957.04	Double casement piece	✓
	169.8767.04	Glass support	✓
	169.8768.04	Glass support	✓
	180.9640.04	Gasket	✓
	168.7425.00	Screw corner cleat	✓

Documentation

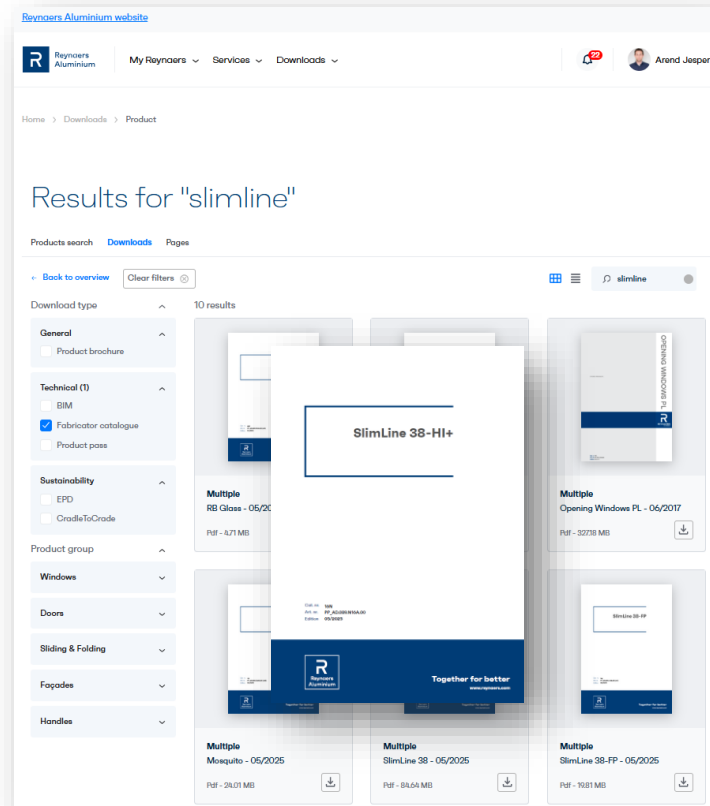


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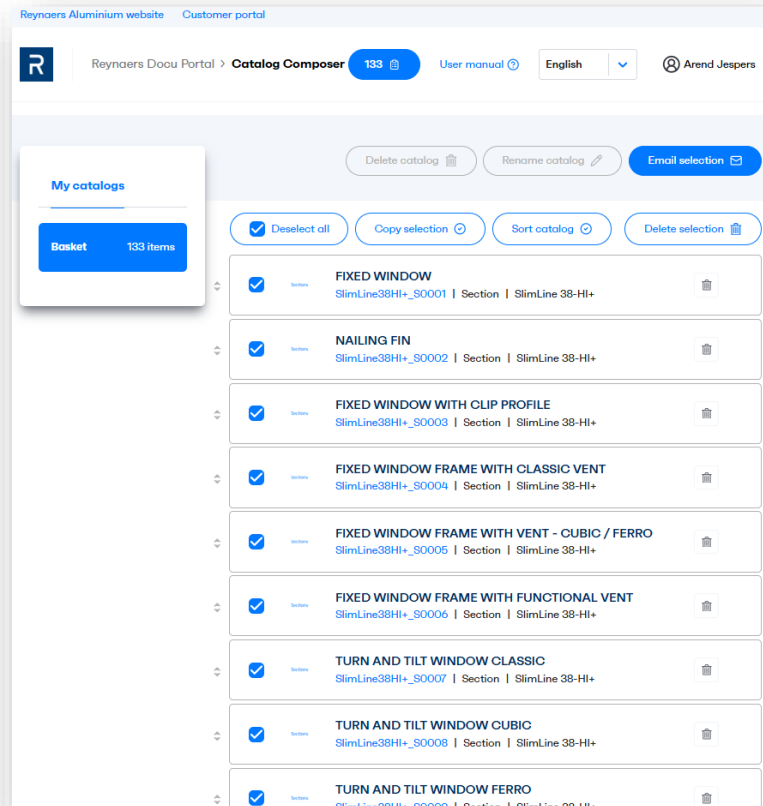


Documentation

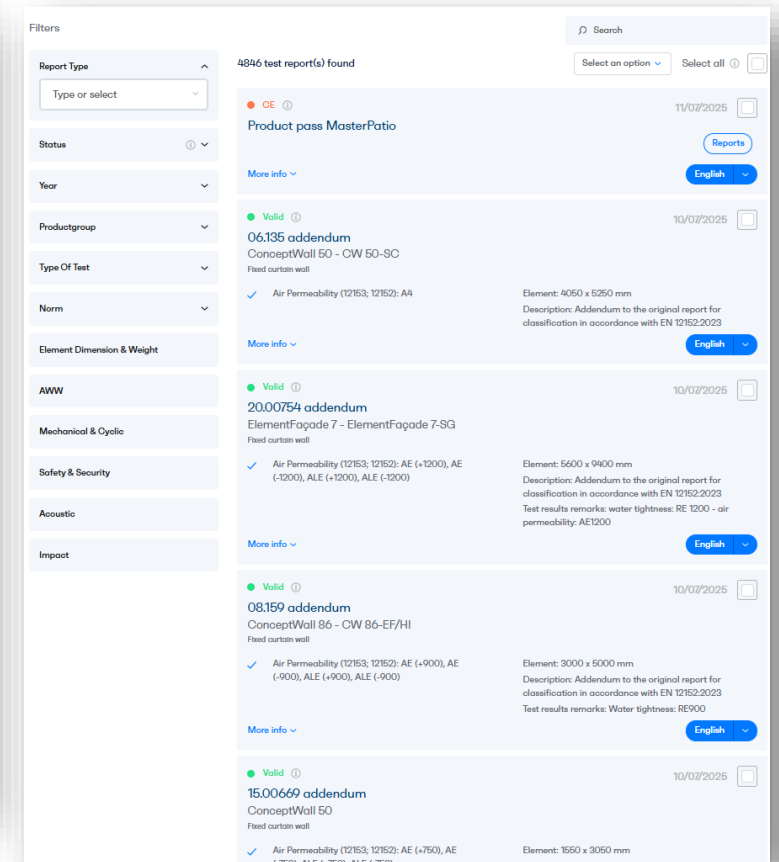
Customer Portal, DocuPortal & Test report platform



↑ Also architect dwg's available



Docu portal: Expected end of November



Tests done, reports pending.

Test documentation can be shared on request

Samples

Corner sample and showcase



Ferro outward

03D.0538.49

(with handle and internal gearbox)



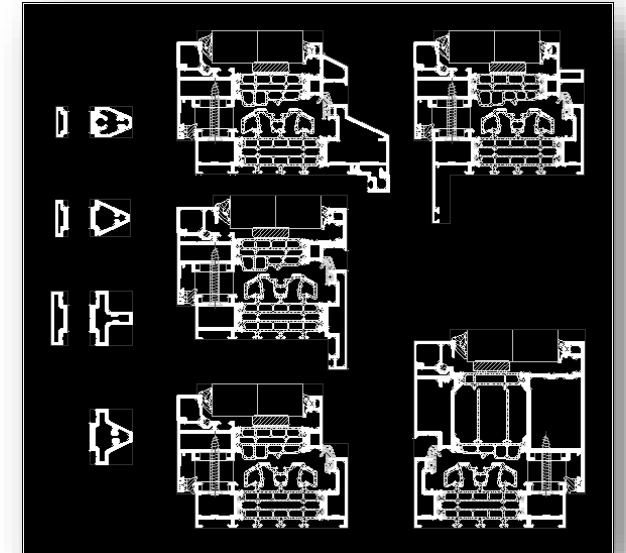
Classic

03D.0542.49



Functional

03D.0540.49



Display box

099.38HI.49

- Including NL, Italian and International outer frames
- With inward and outward opening windows
- 4 design variants, incl. all georgian bars

Date t.b.c.

Website content

Incl. new 360° renders

SlimLine 38-HI+ has been prepared in InRiver as an insulation variant of SlimLine 38 – so also on (local) websites **SlimLine 38-HI+ will be presented as a variant of SlimLine 38, because aesthetic appearance is identical.**

Renders have been prepared for all designs, in order to be able to include in product overviews, brochures, etc. dedicated for SlimLine 38-HI+.

List of Certified Products

C2C Certified Full System Bronze

Window-, Door- and Façade Frame Systems
Reynaers Aluminium

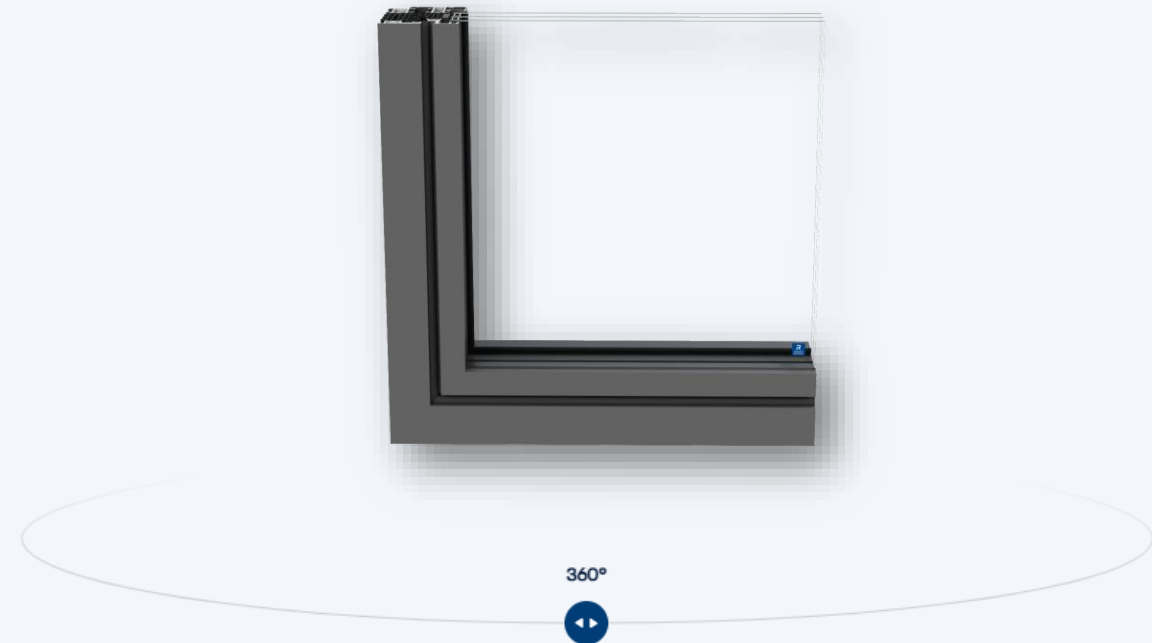
The following products are covered under this certification number 12048

Product System	Product Style/Model Name	Insulation Level			Model	Exclusions
		Light	Standard	Hi		
MasterLine 8	Functional	✓	✓	✓	Window	
MasterLine 8-HI+	Functional	✓	✓	✓	Window	
Concept System 77	Functional	✓	✓	✓	Window	
MasterLine 10	Functional	✓	✓	✓	Window	
SlimLine 38	Classic	✓	✓	✓	Window	
	Cubic	✓	✓	✓	Window	
	Ferro	✓	✓	✓	Window	
SlimLine 38 HI+	Functional	✓	✓	✓	Window	
MasterLine 8	Functional	✓	✓	✓	Door	
MasterLine 8-HI+	Burglar proof	✓	✓	✓	Door	
Concept System 77	Burglar proof	✓	✓	✓	Door	
MasterLine 10	Burglar proof	✓	✓	✓	Door	
SlimLine 38	Burglar proof	✓	✓	✓	Door	
	Classic	✓	✓	✓	Door	
	Ferro	✓	✓	✓	Door	
ConceptWall 50	Functional	✓	✓	✓	Door	
ConceptWall 60	MT	✓	✓	✓	Curtain wall	HL, SC, SL, SL, TT and VL systems
ConceptWall 80-EP	MT	✓	✓	✓	Curtain wall	HL, SC, SL, SL, TT and VL systems
Remond Aquale 7	Cladding bead	✓	✓	✓	Curtain wall	
ShedWall 25		✓	✓	✓	Curtain wall	

Please use the Credits to Check Certified Products Regularly at www.c2c-certified.com for additional details, including the current certification status and list of certified products.
Credits to C2C Certified is a registered trademark of the Credits to Check Products Innovation Institute.

Following downloads are available:

- Architect dwg's
- C2C
- Product brochure (as part of SlimLine 38)
- **EPD expected mid 2026 when EPD builder is live**



For all 4 design variants

(Ferro shown animated here)



**Together
for better**