

# Next Generation Style and Performance

The new MasterPatio range of sliding doors



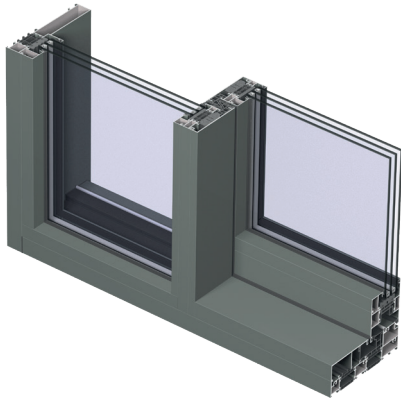
**Together for better**

[www.reynaers.co.uk](http://www.reynaers.co.uk)

## Perfect for every environment

MasterPatio is a high insulation and high performance lift & slide system with minimalistic look and clean design, down to the details.

The system combines top thermal performance with slim sightlines and a maximum element height of 3.7 m. The patented glass supports ensure a perfect transfer of the glass weight to the wheels, resulting in comfortable operation.



Due to the compatibility with the MasterLine 8 system, it flawlessly couples with windows and doors while maintaining the narrow and consistent sight lines.

**MasterPatio is ideal for low energy houses, and depending on configuration can achieve the Passivehaus standard. It is also suitable for high-rise buildings thanks to excellent air and water tightness.**



## Modern design, traditional values

MasterPatio can be manufactured quickly and efficiently thanks to minimal milling operations, simple corner joints and pre-drilled drainage in the bottom profile.

**The easy and precise adjustability of the lock (3 mm) makes installation on site considerably easier.**

MasterPatio has been designed with the environment in mind. Reynaers Aluminium uses low-carbon primary and recycled aluminium for all of its systems, but MasterPatio also uses recycled insulation bars which bring a further reduction of CO<sub>2</sub>-emission by 1130 ton/year.

Waste is kept to a minimum by optimizing the profile lengths offered, and less profiles needed for the complete system's range.



# The perfect solution for every environment

MasterPatio is the next generation high insulation, high performance lift & slide system from Reynaers.

## Joining the masters

Powered by Reynaers' Master systems

- In-line with MasterLine visible widths
- Interfaces & connections with MasterLine
- Shares MasterLine elements where effective



## Offering design freedom

Symmetrical vent design

- Inside / Outside glazed
- Minimal sliding resistance

## Improved performances

- High-rise ready
- Pre-drilled drainage in profile
- 3.6m height tested
- Up to 400kg moving glass... and increasing
- Fixed panes up to 1200kg

## Higher tolerances

- Chicane, locking points, lifting

## Reduced sightlines

Maximal transparency

- Glass to profile ratio up to 90%

## Slim Chicane

- 50mm chicane

## Fully concealed frame

- 87mm same visible widths as MasterLine
- Hidden drainage

## T-profiles

- 50mm or 87mm



Up to 3.6m height



**Floor to ceiling facade**

**Glass corners**

- Inside / outside

**T-profiles**

- 50mm or 87mm

**MasterLine**

- Windows and doors
- Ventilation vent

**Down to the last detail**

**Clean design**

**No clutter**

- Reversed & hidden lock
- Very low threshold
- Clean finishing caps
- Finishing pieces



## With durable design

Sustainable

Genuine environmental benefits built-in

Serviceable life span

Low eco-impact



1st Reynaers sliding system certification by end-of-year!



Waste optimal lengths  
→ Reduce profile waste per sliding element



Usage\* of PA-6.6 recycled  
→ Safe 8kg CO2/kg PA



## The Basics

Dimensions		
Width	Frame	180 mm
	Sash	77 mm
	chicane	87 mm / 50 mm
Rebate Height		27 mm
Visual Width	Frame (Top/Bottom)	60 mm
	Frame (Left/Right)	33 mm
Maximum Element Height		3600 mm
Maximum Width	Sash	3000 mm
	Glass	62 mm
Maximum Weight	Sash	400* Kg
	Fixed Glass Pane (mono)	1200* Kg
Thermic Insulator: Polyamide	Sash	41 mm
	Frame (Top/Bottom)	2x 40 mm
	Frame (Left/Right)	28 mm



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