



HI
FINITY

R
REYNAERS
aluminium

TOGETHER
FOR BETTER





HI-FINITY

HI

High-end
High insulation
High performance
High dimensions & weights

(IN)FINITY

Infinite view

The current trend in architecture is “more light through bigger glass surfaces”. With this idea in mind Hi-Finity was designed to accommodate more illumination and high performance.

Thanks to Hi-Finity the user can now enjoy an infinite view with ultimate performances.

Less is more

The essential function of glass partitions in a house is allowing the entrance of daylight combined with offering views to the outside.

The windows and doors, holding these glass partitions, provide the additional functions of making it possible to pass through, whilst ensuring insulation, stability and safety.

With Hi-Finity sliding doors, Reynaers Aluminium answers perfectly to those different types of functions: a minimal visible frame for a maximal view, fitting all the needs of contemporary architecture without concessions.

This is Hi-Finity!



Less is more



COMFORT

DESIGN

PERFORMANCE





Maximal comfort

Hi-Finity is a system in which comfort is key. Thanks to the system's **high insulation** and with the availability of double and triple glazing, the sliding doors give you a comfortable and warm feeling.

The large glass surfaces reach from floor to ceiling, offering ultimate illumination. Fully integrated frames create a

flush threshold, allowing for easy entrance and accessibility. Hi-Finity's specially designed wheelbase and high strength allow for **glass panes of up to 500 kg** and guarantee fluid and easy manual operating of the vents. For an even higher level of comfort a concealed motor can open the vents with a push of the button or via remote control.





Minimalistic design

Hi-Finity is designed with an infinite view in mind. Thanks to innovative solutions, Hi-Finity is characterized by minimal visible sidelines. The **seamless integration** of the elements creates floor-to-ceiling glass surfaces, whilst at the same time fading the borders between interior and exterior, creating the ultimate minimalistic appearance.

The specially **designed handle** gives a slim, elegant and streamlined look. In closed position, this handle blends into the wall, having a minimal visual impact whilst being extremely functional.





Ultimate performance

Obtained through different sealing components, the excellence of Hi-Finity is proven by the ultimate performance levels in **air and water tightness**. A Reynaers patented adjustable meeting section guarantees a perfect fit for elevated air tightness.

Classified **burglary resistance** class RC2, Hi-Finity also stands

for **safety**. Thanks to the concept of a central locking mechanism, in combination with layered glass, Hi-Finity guarantees a high level of security. The electric locking and unlocking is realized by a robust bolt and hook, operated by a simple push of the button or via remote control, whilst giving visual feedback on the security position of the lock.



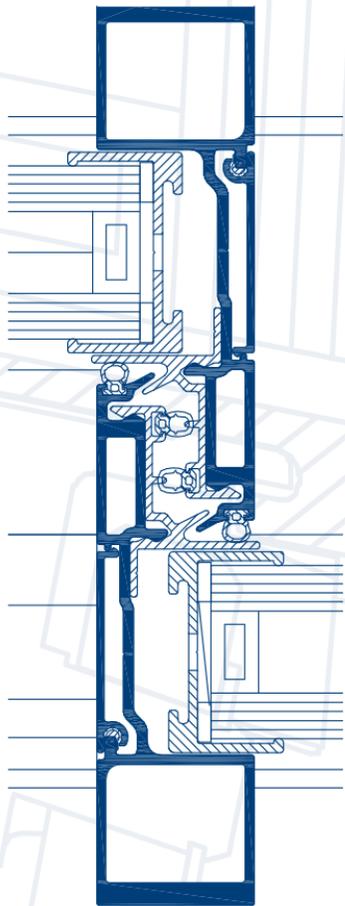
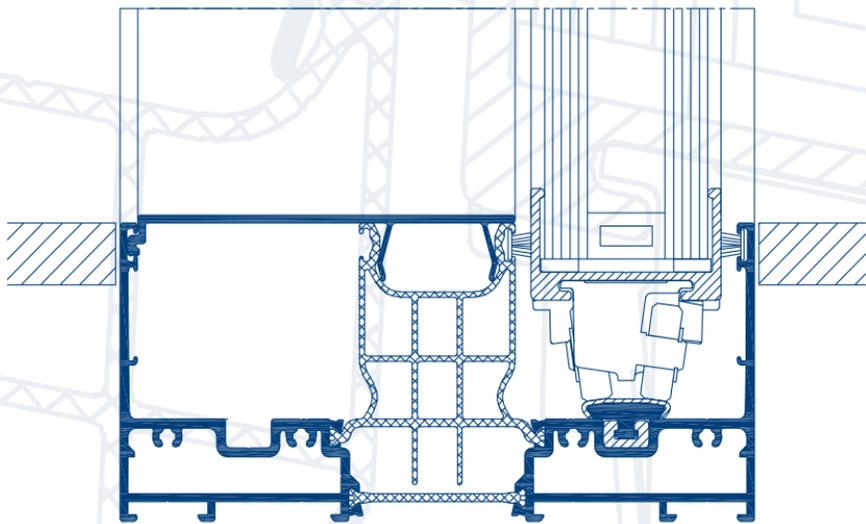
TECHNOLOGY

The technical marvel

The ultra-slim sliding door system is a showcase of technical marvel. The **high stability** and **strength** of the system is obtained by combining the glass with a dedicated composite profile by means of state-of-the-art gluing technology. The stability in combination with **high durability** and resistance of the hardware results in a high performance solution for sustainable

contemporary architecture. This high level of technicality is also reflected in the locking and operating solutions within the system. A smart and compact electric lock gives adequate visual feedback on the security position of the lock. The seamless integration of the **motor** and the **locking mechanism** adds to the minimalistic design of Hi-Finity.





The sliding system

To accommodate all design and technical requirements of Hi-Finity, a tailor made sliding system has been developed. This sliding system allows **multiple opening types** such as duo rail, 3-rail and central closing solutions, thus providing possibilities for up to six movable glass panes.

Combining these possibilities with an **integrated water draining gutter system**, Hi-Finity offers a complete solution for contemporary and high performance sliding doors.





The handle

The specific character of Hi-Finity sliding doors is expressed by its unique handle. The **design** of this handle balances between a minimalistic presence and a strong expression. In a closed position, the handle makes a connection with the wall, seemingly melting into it.

As a part of the design choices, the **material of the handle** has been carefully studied and selected. The combination of the strong metal with the soft touch material proves the sense of detail which is key to Hi-Finity.



Visible edge
window frame

Seamless connection
with the wall

Belgian design

Hi-Finity is conceptualized and engineered by Reynaers Aluminium in close cooperation with dedicated partners. To answer to all requirements of the concept, different breakthroughs in technology were realized, resulting in a number of patented concepts within the system.

This level of overall quality is acknowledged by the **Henry**



van de Velde label. This label, awarded to products with special attention for **innovative and aesthetic quality**, is handed out by Design Flanders. For Hi-Finity, this label underlines the meticulously designed and engineered details of this new dimension within Reynaers Aluminium's sliding door offering.







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