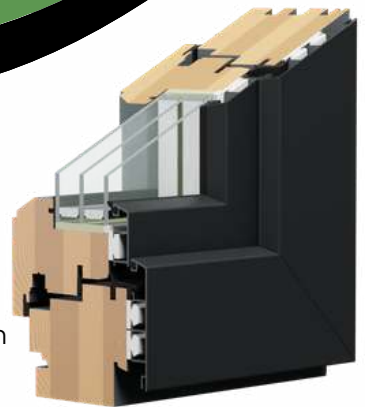




Sigma Series Tilt & Turn

The Sigma Series Tilt & Turn Window combines contemporary styling with outstanding performance, making it ideal for both residential and commercial applications.

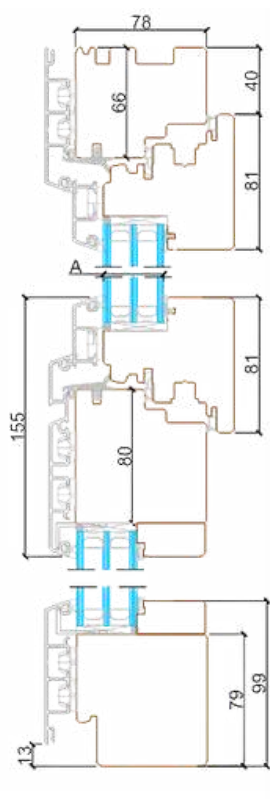


Manufactured from high-performance laminated timber with a slim modern profile, it offers strength, stability and refined aesthetics. Optional external aluminium cladding provides a durable, low-maintenance finish, with precision-mitred corners for a seamless premium appearance.

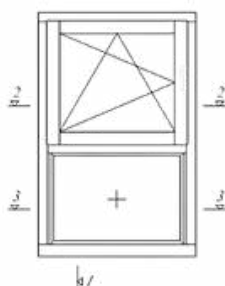
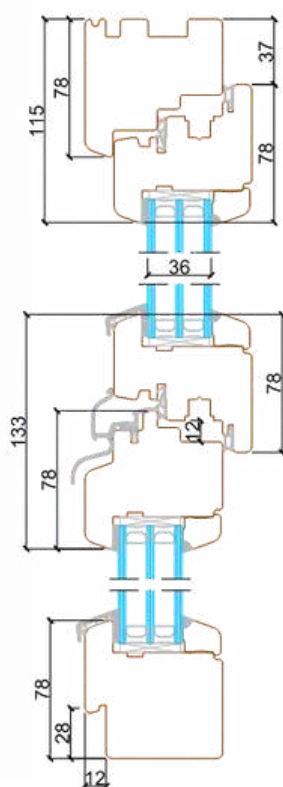
Engineered with the premium Roto NT Designo 2 multi-point locking espagnolette system and concealed hinges, it delivers enhanced security, smooth operation and a clean, uninterrupted appearance. The inward opening tilt & turn design offers versatile everyday use, allowing secure ventilation in the tilt position and full inward opening for easy cleaning and access. Designed for energy efficiency, durability and everyday practicality, the Sigma Series delivers style, performance and versatility without compromise.



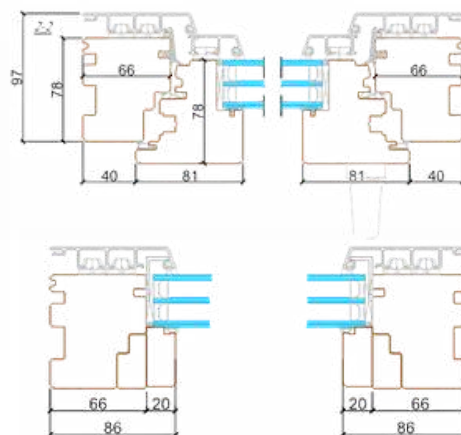
ALUMINIUM CLAD TIMBER- VERTICAL SECTION



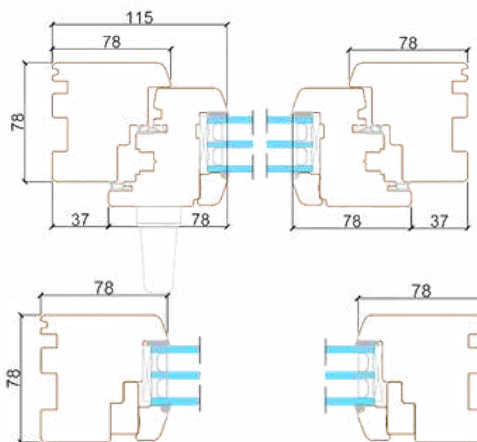
TIMBER- VERTICAL SECTION



ALUMINIUM CLAD TIMBER- HORIZONTAL SECTION



TIMBER- HORIZONTAL SECTION



Environmentally Sustainable

Our timber is sourced from responsibly managed forests, ensuring a certified and sustainable supply chain. As a natural material, timber plays a vital role in reducing carbon impact by acting as a carbon sink, continuing to store CO₂ even after it has been harvested and manufactured into building products.

For every tree felled, multiple saplings are replanted, supporting biodiversity, improving air quality, and promoting long-term forest regeneration.

All timber components are fully engineered and profiled prior to receiving a factory-applied protective treatment, ensuring consistent coverage, enhanced durability, and long-term performance. Combined with the natural durability of laminated timber, this delivers a reliable and robust service life.

Glazing

A wide range of glazing solutions are available with U-values ranging from 1.2W/m²k to 0.8W/m²k. Whether specifying obscure, acoustic or solar control our Sigma series is designed to meet future performance requirements while exceeding current standards.

Ironmongery and gaskets

- Premium Roto NT Designo 2 concealed hinge system for a clean, modern appearance
- Multi-point locking espagnolette for enhanced security and even compression sealing
- Coordinated Roto handle for smooth, reliable everyday operation
- Optional Roto Comfort gearing available to improve ease of use and support Part M compliance
- Tilt position provides secure background ventilation
- Turn position allows full inward opening for easy cleaning and maintenance
- Triple gasket sealing system on aluminium clad option for enhanced weather and acoustic performance
- High-performance double gasket sealing system on timber option for excellent airtightness and thermal efficiency

TECHNICAL SPECIFICATION

- ✓ BS644
- ✓ GLAZING IN ACCORDANCE WITH EN1279
- ✓ PAS24: 2022 TESTED & CERTIFIED
- ✓ PART Q
- ✓ BS6375 TESTED & CERTIFIED
- ✓ SECURED BY DESIGN
- ✓ FIRE ESCAPE (SUBJECT TO SIZE)
- ✓ TIMBER PRESERVATIVE TREATED
- ✓ PEFC CERTIFICATION
- ✓ NORTHERN EUROPEAN REDWOOD (OTHER SPECIES AVAILABLE)
- ✓ FLEXIBLE TRICKLE VENTILATION (FRAME AND SASH OPTIONS)
- ✓ U VALUES FROM 1.2W/M²K - 0.8W/M²K



DIMENSIONAL PROPERTIES

- FRAME DEPTH:** TIMBER = 78MM OR 92MM
ALUMINIUM CLAD = 97MM OR 111MM
- MIN WIDTH:** 450MM
- MAX WIDTH:** 2400MM (BASED ON OPENING)
- MIN HEIGHT:** 500MM (BASED ON OPENING)
- MAX HEIGHT:** 2600MM (BASED ON OPENING)
- MAX WEIGHT:** 100KG (150KG IF LOAD TRANSFER DEVICE USED)

*Details shown above may be subject to change due to glazing specification and window operation. Sizes above based on opening window only (not inclusive of fixed elements therefore larger units can be achieved).