Uniform S.p.A
via dell'Agricoltura, 36
37046 Minerbe (VR) Italy
T: +39.0442.669669
C.F. & P.IVA IT 02338730233
uniform@uniform.it

UNI_ONE "STANDARD" SPECIFICATIONS DOCUMENT

The UNI_ONE product is tested and certified at testing institutes notified according to the currently applicable UNI-EN 14351-1:2010 standards, and has also obtained the CASACLIMA product certification.

TECHNICAL FEATURES
Model UNI_ONE "STANDARD"

The UNI_ONE Standard window has a finished section for the frame of 77.5x70 mm, (composed of 62x50 mm wood and aluminium the remaining part) and for the sashes section of 83x70 mm (with 68x70 mm wood) or thicker sashes of 83x95 mm (with 68x95 mm wood).
Coupling of the aluminium frames to the wood by means of plastic clips allows for an optimal union between wood and metal at a distance of 5 mm in order to eliminate the formation of condensation and ensure perfect ventilation of the coupling area. The frames are independent and allow for tension-free expansion.
The aluminium profiles are assembled by welding the corners where possible.
Painting after welding ensures corners with a perfect seal, completely protected by paint, and improves the aesthetics of the finished product. Decorated wood and anodized finishes involve mechanical assembly of the corners by crimping.
UNI_ONE Standard allows the housing of double glazing with a thickness of mm28(±1) or mm32(±1).
The glazing is glued to the wooden profiles of the supporting structure with a special double-sided adhesive tape (black) that transfers the rigidity of the glass to the sash structure.
The glazing is bonded to be provided for compliance with the new energy certification regulations must have a Ug value of 1.4 W/m²K or less.
Windows and balcony doors additionally require glazing that complies with safety regulations against accidents.
External glazing gasket in coextruded expanded EPDM foam, colour BLACK.
External gasket mounted on the aluminium frame in BLACK coextruded expanded EPDM foam.
External "open joint" gasket on the wooden frame in BLACK EPDM (available with welded corner)
Additional thermo-acoustic gasket on the sash in coextruded TPE.
UNI_ONE door and window frames are all fitted with angled HARDWARE to obtain a tilt-and-turn movement. These hinges may be visible, or a concealed model with 90° opening limitation.

The hardware includes the tilt-and-turn mechanism with additional locking and burglar-resistant "mushroom" pins. For double-sash windows and doors, the receiving sash is locked by means of

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a lever rod that controls the deadbolt, at both the bottom and top, from below. All UNI_ONE door and window frames are provided by a device that prevents incorrect manoeuvres during opening and closing of tilt-and-turn windows and doors.

The WOOD and FINISHES for the UNI_ONE model are:

- finger-joint **Laminated PINE** covered with special "Icona" finishes with high resistance to abrasion, scratches, stains and colour fastness to light exposure.
  Finishes: **see "UNIFORM" colour chart.**

- finger-joint **Laminated PINE** covered with European Oak veneer and Tanganika Walnut veneer painted with water-based finishes.
  Finishes: **see "UNIFORM" colour chart.**

The FINISHES for ALUMINUM cladding are:
- RAL Standard glossy and matt
- RAL Textured (RAL matt colour, with a rough instead of smooth texture)
- BRUNELLESCHI
- SABLE'
- OXIPULVER (anodized imitation finishes but painted with welded corner)
- WOOD IMITATION FINISHES
- ANODIZED

present in the UNIFORM colour chart.

The painting of all aluminum products meets the requirements imposed by the Qualicoat Seaside brand.
Anodized products, on the other hand, made in outsourcing, follow an anodic oxidation process according to the requirements of the Qualanod mark.

UNI_ONE windows and doors are fitted with internal trim profiles of 45/60/80/100x15 mm on 3 or 4 sides.