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TENDER TEXT for Lift&Slide UNI_ONE **"HS_SLIM80"**

The UNI_ONE product is tested and certified at notified testing institutes according to the UNI-EN 14351-1:2010 standards currently in force

**TECHNICAL SPECIFICATIONS Lift&Slide model "HS_SLIM80"**

The HS_SLIM80 Lift&Slide has a finished section for the frame of mm 199x45/60 (made of wood for mm 184x45 and aluminium for the remaining part) and for the doors section of mm 80x83 (with wood of 80x68) or doors with increased thickness of mm 80x93 (with wood of 80x78).
In the lower part of the frame there is a 199 mm fibreglass sill on which the trolley guide is inserted.
Coupling of the aluminium frames to the wood by means of nylon clips that allow for an optimal bond between wood and metal and ensure proper 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. The wood-decorated and oxidised finishes involve mechanical assembly of the corners by means of caulking.
The HS_SLIM80 Lift&Slide allows the installation of a 32 mm double-glazed unit or a 52 mm double-glazed unit using the oversized sash. The double-glazing is glued to the wooden profiles of the supporting structure with a special structural double-sided adhesive that transfers the rigidity of the glass to the sash structure.
In the non-opening parts, the double glazing unit is fixed and sealed directly onto the fixed frame with insertion from the outside.
The standard double glazing to be provided for compliance with the new energy certification regulations must have a Ug value of 1.4 or less. For all glazed parts, glass that also complies with safety regulations against accidents must be provided.
Gasket on outside/inside of glass in BLACK EPDM foam.
Sealing gasket on opening sash in BLACK EPDM.

The ALZANTE-SCORREVOLE hardware is equipped with special trolleys that allow the sash to be lifted and slid sideways, and it is possible to make opening sashes weighing from Kg.250 up to Kg.400 and with a single sash size of up to cm.300 in width and cm.290 in height.

The WOOD and FINISHES for the UNI_ONE model are:

- Finger-jointed pine coated with special Icona finish with high resistance to abrasion, scratches, stains and colour fastness to light exposure.
Finishes: see 'UNIFORM' colour chart.

- Finger-jointed laminated **pine** covered with European OAK veneer or TANGANYKA Veneer and painted

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with water-based finishes.
Finishes: **see UNIFORM colour chart.**

The FINISHES for ALUMINUM cladding are:
- RAL Standard glossy and matt
- RAL Textured (RAL matt colours not smooth but rough)
- BRUNELLESCHI
- SABLE
- OXIPULVER (oxidised but painted imitation finish line with welded corner)
- DECORLEGNO
- OBSIDATES 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 3- or 4-sided 45/60/80/100x15.mm internal cover strips.