|  |  |
| --- | --- |
| **TOILET CUBICLE UNIT TYPE SVF30S ALTUS** | |
|  | **The text modules shown below in blue are options that can be selected by the contracting authority as an alternative to the text printed in black. In this case, the corresponding black text must be deleted and the description “as an alternative“ removed.** |
| **MODEL:** | **TYPE SVF30S ALTUS** fromSchäferTrennwandsysteme GmbH,  56593 Horhausen, Phone: 02687/91510, [www.schaefer-tws.de](http://www.schaefer-tws.de)  or technical and visual absolutely equal. |
| **CERTIFICATIONS, STANDARDS:** | The system is TÜV tested (German Association for Technical Inspection) and has a GS mark. The corresponding certificate must be presented. Systems without a valid TÜV GS test are not permitted.  To prove the sustainability of the product, the cubicle system must be PEFC™ or FSC® certified. The corresponding certificate from the cubicles manufacturer must be presented. Systems without valid PEFC™ or FSC® certification are not permitted. It is not enough to provide a general certification of the used panels.  The material used comply in detail with the following standards and regulations:   * Chipboard panels E05 according to DIN EN 717-1 * Stainless steel according to DIN EN 10088, material quality 1.4301, respectively ASTM A276, AISI 304. * Aluminium profiles according to DIN EN 573 and DIN EN 755, material quality EN WA6063. Surface treated (non-surface treated aluminium parts are not permitted) colourless anodized according to EURAS E6/C-0 respectively DIN 17611 E6/EV1 or powder coating according to DIN EN 12206-1. * Adhesives and sealants may only be used if they are not subject to classification according to the EU Chemicals Regulation (CLP regulation). * The product complies with the European regulation of registration, evaluation, approval and restriction of chemical substances (REACH). A corresponding declaration of conformity from the manufacturer can be submitted. * Fastening materials such as screws, rivets, etc. galvanized or made of stainless steel. |
| **DESIGN:** | Room high toilet cubicle unit. Solid chipboard with a 0.8 mm cladding on both sides and ABS-strips in connection with natural anodized or powder coated aluminium profiles. |
| **CONSTRUCTION:** | Room high toilet cubicle unit. The outside of the cubicle has an absolute flush-fitting construction. 29,6 mm thick chipboard panels as a composite element: 28 mm thick support panel, with 0.8 mm thick HPL cladding on both sides. Total thickness 29.6 mm. Bonding V 20. All visible edges are coated with coloured ABS-strips, edges slightly rounded. Melamine edges are not permitted.  Front wall elements need to be continuous from floor to ceiling. A break due to profiles is not permitted.  Along the complete front wall is a shadow gap (each side approx. 10 – 15 mm, top and bottom approx. 15 – 20 mm). A stable under construction is necessary if the ceiling is lowered down. The construction of the dividing walls corresponds to the room high front wall elements. A horizontal division of the elements is not permitted. Circulating shadow gap. The connection of dividing wall – front wall is truncate and not visible.  **As an alternative:**  Flame-resistant construction by the use of chipboard and HPL cladding with fire protection according to Euroclass B-s2,d0 EN 13501-1. The corresponding classification certificates must be submitted. |
| **DOORS:** | The construction of doors corresponds to the front wall. Butt closing doors, with a milled rebate profile made of aluminium. Therefore the outside of the cubicle has an absolute flush-fitting construction, the door opening doesn’t matter. Rebate profile made of aluminium with integrated rubber sealing for long-term noise reduction. Dampings with glazing tape are not permitted. To cover the crack of the door a coloured plastic strip is milled in on hinge side. Non-milled sight protection solutions are not permitted. |
| **HARDWARE:** | Two maintenance-free stainless steel hinges with high-performance polymer running tread. Hinges are flush milled into the ABS strips. Screwed-on hinges are not permitted. Hinges without high-performance polymer running tread are not permitted. Hinges have to pass an endurance test of 300.000 cycles without abrasion.  Fully galvanised lock with latch and bolt. U-shaped safety handle of unbreakable nylon with steel core, thickness 23 mm. Rosettes, olive latch, free-/occupied-indicator und emergency unlocking device outside.  **As an alternative:**  Two maintenance-free stainless steel hinges made of high-performance polymers with self-closing function. That ensures a steady closing speed. Self-closing hinges as feather hinges are not permitted. Hinges have to pass an endurance test of 300.000 cycles without abrasion.  **As an alternative:**  Non-visible in the door rebate embedded hinges, e.g. Simonswerk Tectus without self-closing function.  **As an alternative:**  Non-visible in the door rebate embedded hinges, e.g. Simonswerk Tectus. Self-closing function of the doors due to a in the front not visible door closer.  **As an alternative:**  Fully galvanised lock with latch and bolt. L-shaped safety handle made of natural anodised aluminium (model Frankfurt). Rosettes, olive latch, free-/occupied-indicator and emergency unlocking device outside. Hooks and buffer also made of natural anodized aluminium.  **As an alternative:**  Fully galvanised lock with latch and bolt. L-shaped safety handle made of stainless steel (model Frankfurt). Rosettes, olive latch, free-/occupied indicator and emergency unlocking device outside. Hooks and buffer also made of stainless steel.  **As an alternative:** Handrail on the outside of the door made of anodised aluminium, 55 x 20 mm. Length optionally 500 mm, 1.150 mm or adapted to the upper edge of the door leaf. Integrated free occupied indicator (red-white) and emergency unlocking by means of hexagon socket. On the inside with the Schäfer INSAFE one-hand door knob made of anodised aluminium with particularly easy-grip knob and two clearly visible, at least 25 mm wide viewing windows of the free/occupied indicator. The locking status must also be visible at the inside of the cubicle. Fitting solutions that do not indicate the locking status inside the cubicle are not permitted. Bolt lock with zinc die-cast bolt and stainless steel forend.  **As an alternative:** In addition to the fitting specified above, free-occupied indication by means of LED display, 500 mm long, recessed in the side panel next to the door with plexiglass cover. The LED display permanently indicates the locking status of the cubicle (free = green, occupied = red). Power supply on site by means of 12 Volt DC supply line. Cable routing concealed within the partition wall elements. |
| **STANDARD ACCESSORIES:** | Per cubicles 1 hook, 1 door buffer, the material of the accessories corresponds to that of the door handles.  **Optional accessories:**  Schäfer hook stainless steel ES6010 Schäfer hook with buffer stainless steel ES6007 Schäfer toilet roll holder stainless steel ES6001 Schäfer spare toilet roll holder stainless steel ES6002 Schäfer toilet brush stainless steel ES6003  Schäfer hook aluminium AL7010 Schäfer hook with buffer aluminium AL7007 Schäfer toilet roll holder aluminium AL7001 Schäfer spare toilet roll holder aluminium AL7002 Schäfer toilet brush aluminium AL7003 |
| **COLOURS:** | Panels and hardware according to manufacturer’s colour chart. Profiles plastic coated (powder coating) according to colour chart or natural anodized (E6/EV1). |
| **HEIGHT:** | Room high system, adjusted to the situation on site. Max. door height 2.300 mm. For higher systems a flush fitted infill panel above the doors is used, non-visible fixation. |
| **ACCESSORIES:**  **11/2020** | Privacy screen 400 x 900 mm, made of the same material as the cubicle elements, wall mounted. Fastening by two anodized aluminium brackets, which are screwed invisibly onto the back of the privacy screen and additionally stabilise it. Aluminium brackets with contact surface to the brick wall, which is additionally provided with adhesive, to give a maximum hold.  **As an alternative:**  Privacy screen 400 x 900 mm, made of 10 mm thick safety glass with ceramic screen printing on one side. Wall mounted with four anodized aluminium brackets. |