

BIOSTTEK PRODUCT SPECIFICATIONS

BIOSTTEK ensures that all materials used in our products comply with current European CE regulations which are detailed below and the final product is subjected to internal quality controls to ensure proper operation.

PROFILES

Biosttek certifies that extrusions are manufactured with alloy 6060 F22, and materials used in manufacturing correspond to those covered by the UNE-EN 573-2, that is:

ALLOY 6060 (Al-Mg-Si) tempered F22.

Dimensional tolerances are specified in UNE-EN 755-9

LACQUERED, IMITATION WOOD AND ANODIZED

Biosttek certifies that all profiles meet the specifications of the quality brands QUALICOAT for lacquering, QUALIDECO for Imitation Wood and QUALANOD for anodized.

PLATES

- **Polycarbonate plates:** Impact-resistant cellular polycarbonate plates, 2-sided UV protection (protection against ultraviolet rays). Subject to tension and tensile strain test (ISO 527), bending force test (ISO 178), hardness test H358/3095 (ISO 2039/1) and thermal test according to standards (ISO 306, ISO 75, ISO 8302, ISO 11359-2).
- **Panel plates:** Sandwich panel consisting of two aluminum sheets of 0.7mm thick, extruded polystyrene core density 35kg / m³ CE marking.
- **Glass plates:** CE marking under standard EN 12150-2 for tempered glass and CE marking under standard EN-14449 for laminated glass.

MOTORIZATION SYSTEM

Tubular motors with CE - Certificate of Compliance Low Voltage Directive 2006/95 / EC.

Steel-nerved polyurethane toothed belt, with tensile strength test and bending resistance test.

Plastic parts, tested material under (ISO 75-2, ISO 527-2, ISO 178, ISO 8256, ISO 180, ISO 179-2)

ADHESIVE SEALANT

Hardness tests (DIN 53505), density test (DIN 53217), strength and tensile test (DIN 53504), tensile strength (DIN 53283), tensile stress test (EN 28339), change of volume test (DIN 52451).

FASTENERS

Stainless steel fasteners