



Facades



Windows



Glass Roofs



Doors



Oversized
Doors



Louvres



Customized
Solutions

SOMMER

O.S.T[®] TIGHT DOOR



Made in GERMANY



Water Tightness



Air Tightness



Burglary Protection



Bullet Resistance



Fire Protection



Explosion Protection



Smoke Protection



Radiation Protection



Noise Protection



Blast Protection

... represents leading technology!

Comprehensive protection against burglary, bullets, fire and smoke.

Combinable requirements in customer-specific dimensions.

Please contact us for further details

SOMMER 
design & security

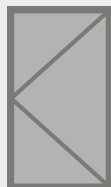
SOMMER O.S.T[®] Tight Door

DESCRIPTION

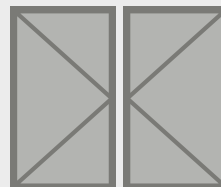
The door leaf consisting of 2 mm steel sheet with integrated load-bearing structure, four-sided and multi-edged rebate offers high torsion resistance and stability. The 2 three-dimensional and adjustable strong Sommer hinges on bearings with removable tenon and watertight special fittings have been tested and approved for heavy loads and ensure ease of movement and long-term use thanks to radial and axial bearings.

TYPES

single leaf



double leaf



SIZE RANGE (SHELL DIMENSION)

up to 1250 x 2250 mm

up to 2500 x 2500 mm

further dimensions on request

REQUIREMENTS

- airtightness < 1.3 m³/h according to EN 12207
- burglary protection up to RC6 according to EN 1627
- fire protection/smoke protection EI260, EI2120 according to EN 1634-1 and EN 1363-1
- bullet resistance up to FB7 according to EN 1522/23
- sound insulation up to 47 dB according to DIN EN ISO 140 and DIN EN ISO 717
- compressive strength
- shielding attenuation according to EN 50147
- fire water and flood retention

OPTIONAL FEATURES

- glass panel (not in case of fire protection)
- hardware: door closer, electrical additional locking
- locks: electrically actuated locks (lever-handle connection), motorised locks, self-locking locks, separately blockable panic function
- electrical door drive