

A CLASS DOUBLE-LEAF INTERIOR DOOR OF TYPE LL-DL2-A60**> Double-hinged, non-watertight interior A class door**

- Clear opening dimension in the door frame, max. CO x CH 1800 x 2200 mm, min. CO x CH 1200 x 750 mm (VX), 1200 x 1200 (TECTUS 626 A8), Reduction due to open door not considered, Larger dimensions n. MSC.1/Circ. 1319 possible
Max. CH: 2530mm, but the area of the leafs must not exceed 4.35m²
Max. CO: 1800mm (no wider option available)
- Total system weight for a door in CO x CH 1200 x 2000 mm of approx. 130 kg/pc.
- Sound reduction index of 32 dB (threshold type A)
- Max. weight of the covering per door leaf not to exceed 15 kg/m² or 30 kg/leaf
- Door type LL-DL2-A60 with the following equipment:
 - Steel mounting frame for welded or screw connection
 - Door leafs with white industrial HPL (~RAL 9016)
 - Door leafs with all-round frame with frame wrap (13mm) in stainless steel, brushed K240
 - Gap dimensions on all sides approx. 4mm
 - 2x4 pcs. Door hinges, consisting of 3D adjustable hinge holder and hinge of type Simonswerk VX7729/100 in stainless steel, brushed K240, hinge length 100mm
 - Sill/threshold cover in brushed stainless steel K240
 - Integrated leaf closing sequence control DORMA ITS96 GSR
 - Non-active leaf locking with BKS 1899, active leaf locking with LETHE PZ-lock from S&B
- Optional equipment:
 - Door frame and frame for door leaf painted in RAL or NCS color
 - Legs of door leaf frame in straight design (15-30mm) for subsequent covering of the leaf or in folded design (13mm) for decorative HPL
 - Window with clear opening of max. 500x500mm (square) or Ø500mm (round) and window frame 60mm x 3mm in ground stainless steel, K240 or polished 3D/2R
 - Cable transition for supplying electrical components installed in the door leaf, such as electric panic locks or motorized locks for access control
 - Folding lever handle with handle shell recessed into the door leaf, only possible on one side, in ground stainless steel, K240 or polished 3D/2R
 - Hose flap with clear dimensions in accordance with valid SOLAS regulations (150x150mm)
 - 4x Simonswerk VX7729/100 (straight) or VX7749/100 (cranked) door hinges in stainless steel for each door leaf, surface brushed K240 or 3D/2R polished, hinge length 100 mm or 2x Simonswerk TECTUS 626 A8 3D for each door leaf in concealed or recessed (16 mm above blade surface) version for subsequent covering of the slope side with max. 24 mm coating
 - Conical contact sensor Assa Abloy 10405.10R
 - Door leaf with Athmer Schall-ex L15/30 drop-down seal

> Mounting frame

- For installation on steel or aluminum bulkheads using welded or screw connections
- Made of 5mm sheet steel with 60mm leg width and 60mm screw depth (max. 120x120mm)
- Surface powder-primed in RAL 9016

> Door frame

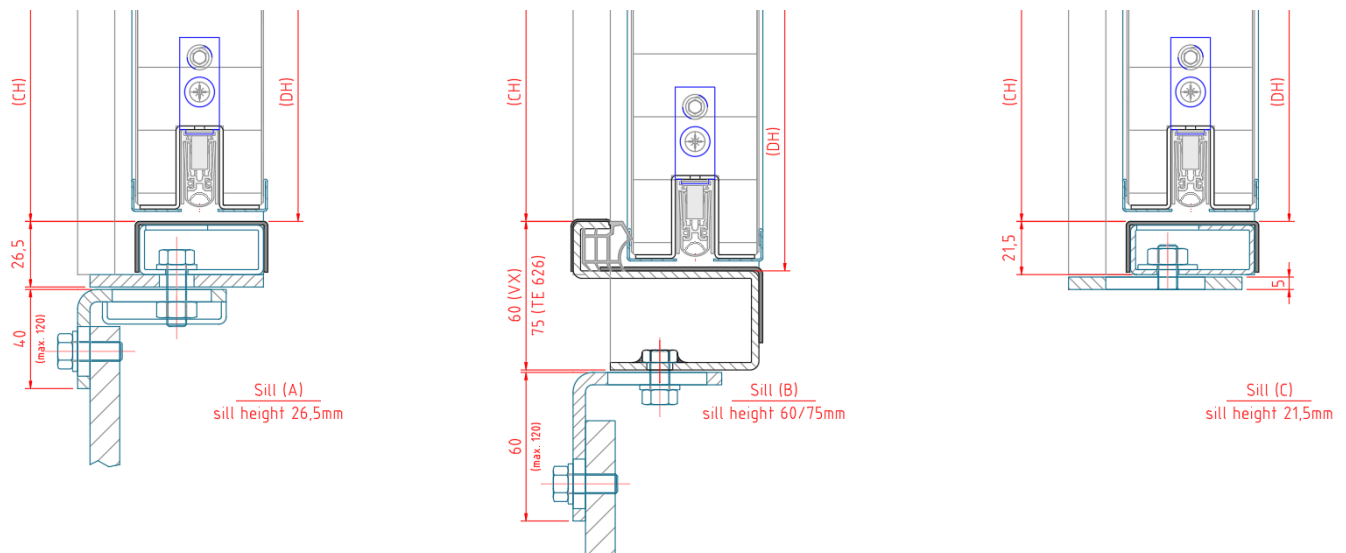
- For installation in described mounting frames
- Made of 3mm sheet steel with frame geometry open on one side
- Three different coaming types (A, B and C), some with individual heights
- Internal Dorma G96 GSR slide channel with closing sequence control (EMF units optional)
- Striking plate for above looking of non-active leaf in brushed stainless steel K240 (optionally in polished 3D/2R)
- Sill/threshold cover in brushed stainless steel K240 (optionally in polished 3D/2R)
- Frame surface painted in RAL or optional NCS color. Special paint finishes on request
- Door seal in various colors:
 - white ~RAL 9016,
 - black ~RAL 9004,
 - gray ~RAL 7035,
 - beige ~RAL 1011,
 - brown ~RAL 8024

> Door leaf

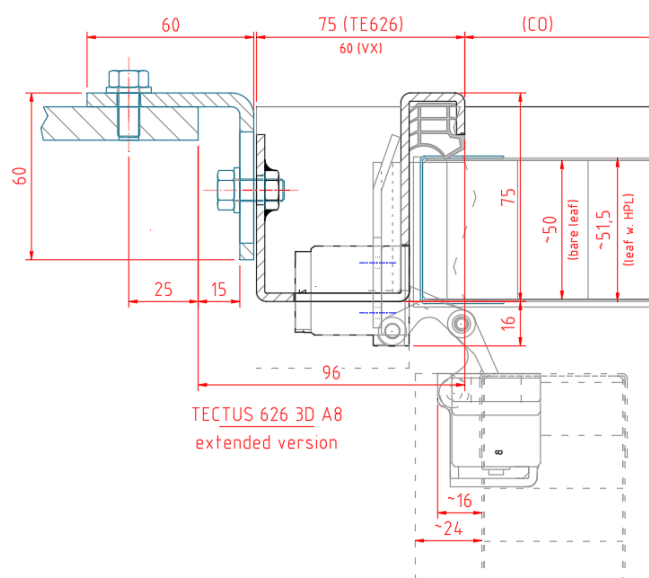
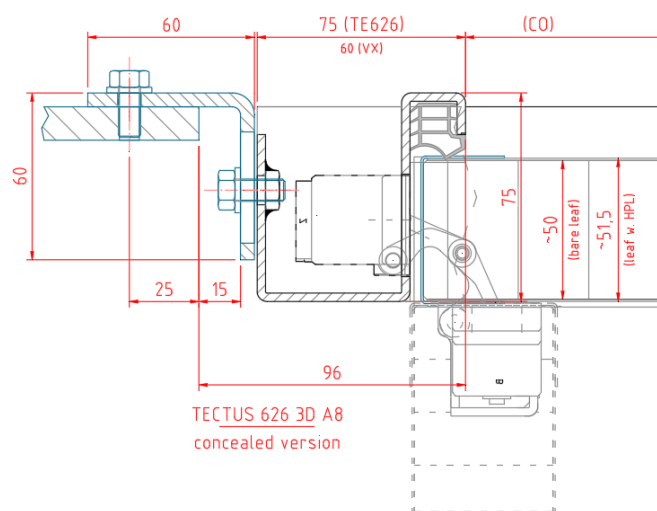
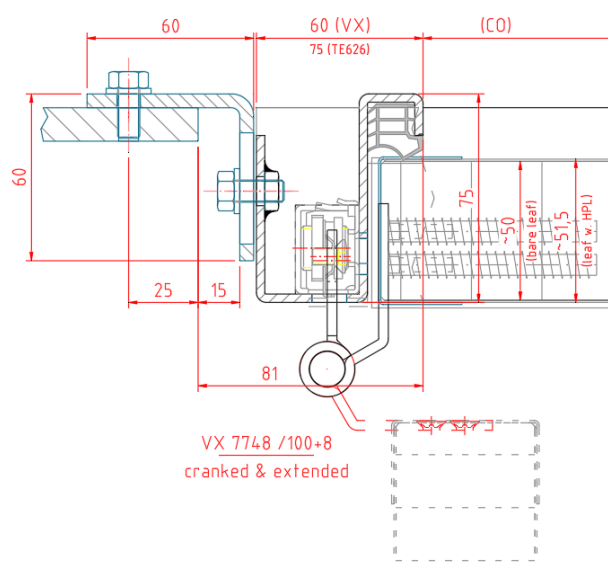
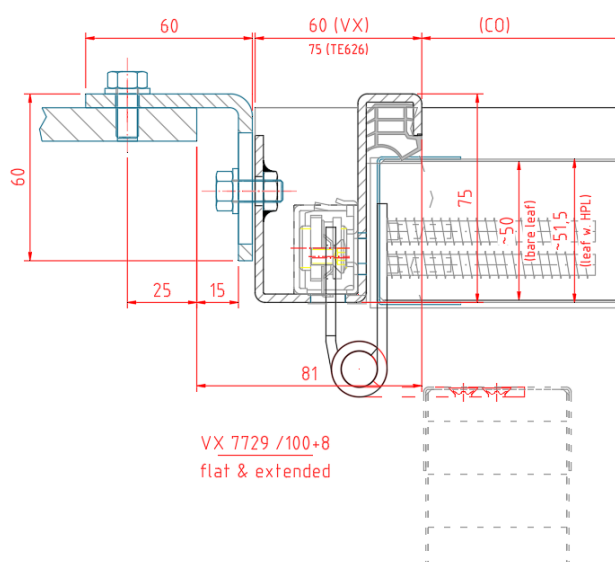
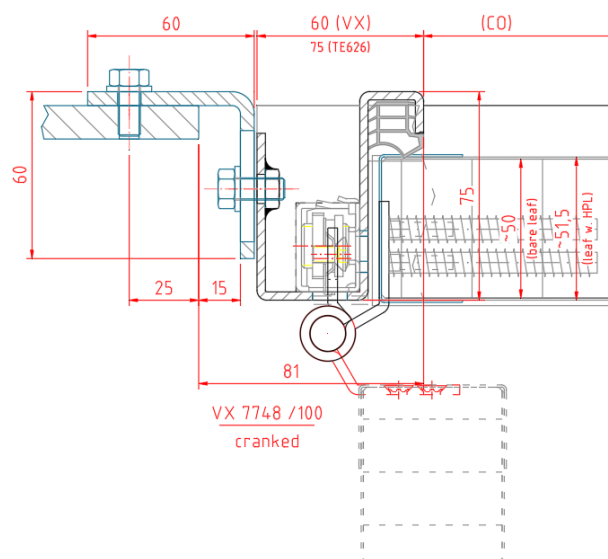
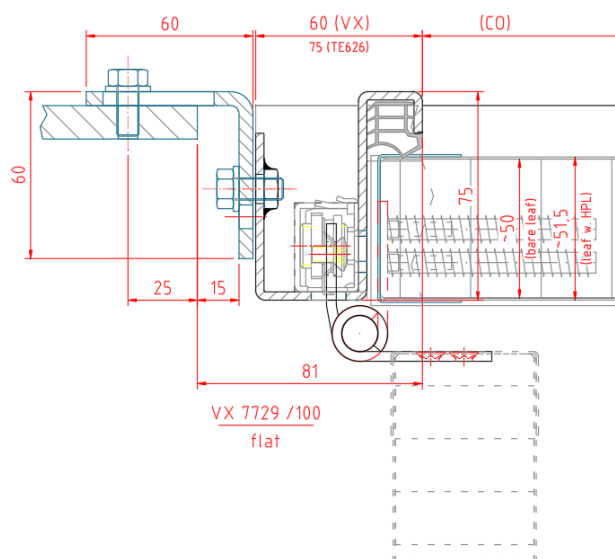
- Calcium silicate leaves covered both sides with industrial HPL (~RAL 9016) to protect the leaf construction.
Optionally additionally with HPL according to specification (only IMO-certified!) or with decorative sheet or lacquered sheet in RAL or NCS color according to specification
- Leaf thickness ~52 mm when covered with decorative HPL or decorative sheet/lacquered sheet
- Cover mullion, fixed on rear side of non-active leaf
- Internal door closer type Dorma ITS96 EN3-6 with gray closer arm.
Other surface finishes, lacquered or polished (blanc nickel) are optionally available.
- LETHE-72/65-PZ lock in active leaf, backset 65mm, 235mm faceplate with "LETHE" imprint and crank latch in brushed stainless steel K240 (optionally in polished 3D/2R),
BKS 1899 or 2390 locking bar system in non-active leaf (only brushed surface available)
- Perforation in the door leaf for lever handle and profile cylinder (PZ).
Lever handles, rosettes or escutcheons and locking cylinders are always optional
- Athmer Schall-ex L15/30 drop-down seal optionally available
Max. cladding weight not to exceed 15 kg/m² or 30 kg/leaf

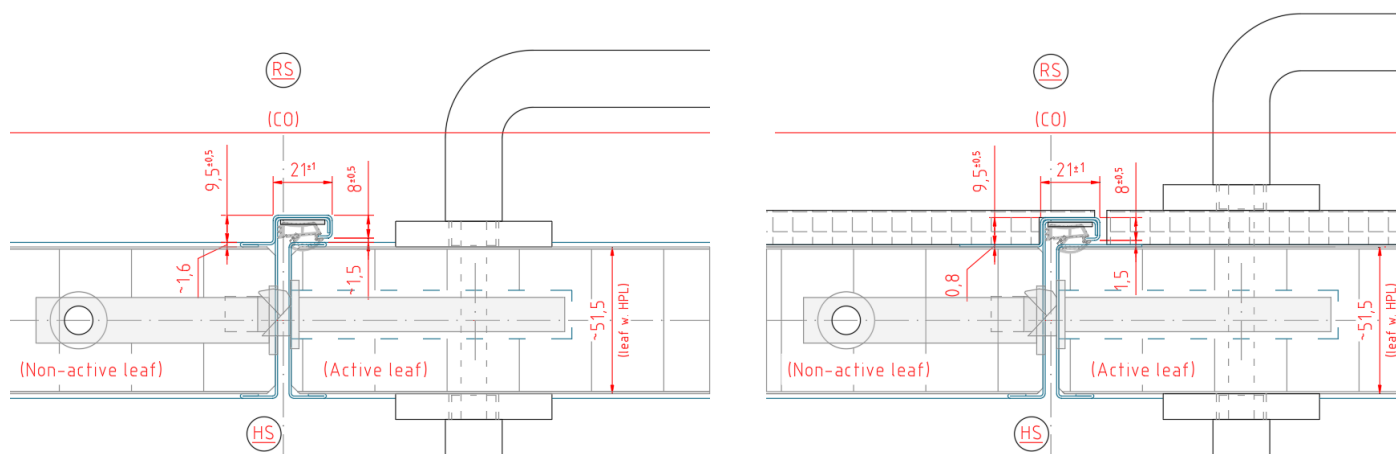
STANDARD DOOR SECTIONS

SILL TYPES



HINGE TYPES



CENTER MULLION

TECHNICAL DATA

Weight ~ 130 kg (CO x CH 1200 x 2000)	Fire classification A60	Certificate no. M20008	Max. dimension (COxCH) 1800 x 2200 mm
Frame coatings RAL / NCS	Leaf coatings RAL / NCS HPL Veneer	Option - External door closer - Stainless steel accessories brushed or polished - Automatic door gasket of type "Athmer" - Concealed or visible hinges in standard length or extended - Window (round / rectangular) max 500mm, USCG max 645cm ² (~250x250mm, Ø 280mm)	
Leaf material Promatect L300		Noise reduction Rw [dB] Single gasket 32	