

A CLASS SINGLE-LEAF INTERIOR DOOR OF TYPE LYD-3plus-A60**> Single-hinged, non-watertight interior A class door**

- Clear opening dimension in the door frame, max. CO x CH 1050 x 2159 mm, min. CO x CH 600 x 750 mm (VX), 600 x 1200 mm (TECTUS 526 3D), Reduction due to open door not considered, Larger dimensions n. MSC.1/Circ. 1319 possible
Max. CH: 2482 mm, but the area of the leaf must not exceed 2.49 m²
Max. CO: 1050 mm (no wider option available)
- Total system weight for a door in CO x CH 850 x 2000 mm of approx. 100 kg/pc.
- Sound reduction index of 31 dB (door leaf with HPL on both sides)
- Max. weight of the covering per door leaf not to exceed 15 kg/m² or 30 kg/leaf
- Door type LYD-3plus-A60 with the following equipment:
 - Steel mounting frame for welded or screw connection
 - Door leaf with white industrial HPL Resopal 105/60 (~RAL 9010)
 - Door leaf with all-round frame with frame wrap (13 mm) in stainless steel, brushed K240
 - Gap dimensions on all sides approx. 4 mm
 - 3 pcs. Door hinges, consisting of 3D adjustable hinge holder and hinge of type Simonswerk VX7729/100 in stainless steel, brushed K240, hinge length 100 mm
 - Coaming cover in brushed stainless steel, K240
- Optional equipment:
 - Door frame and frame for door leaf painted in RAL or NCS color
 - Legs of door leaf frame in straight design (15-30 mm) for subsequent covering of the leaf or in folded design (13 mm) for decorative HPL
 - Window with clear opening of max. 600 x 750 mm (square) or Ø 500 mm (round) and window frame 60 mm x 3 mm 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 (150 x 150 mm)
 - 3x Simonswerk VX7729/100 (straight) or VX7749/100 (cranked) door hinges in stainless steel, surface brushed K240 or 3D/2R polished, hinge length 100 mm or 3x Simonswerk TECTUS 526 3D each in concealed or recessed (8 mm above blade surface) version for subsequent covering of the slope side with max. 12 mm coating
 - Magnetic proximity switch type Bernstein MA08
 - 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 5 mm sheet steel with 60 mm leg width and 60 mm screw depth (max. 120 x 120 mm)
- Surface powder-primed in RAL 9016

> Door frame

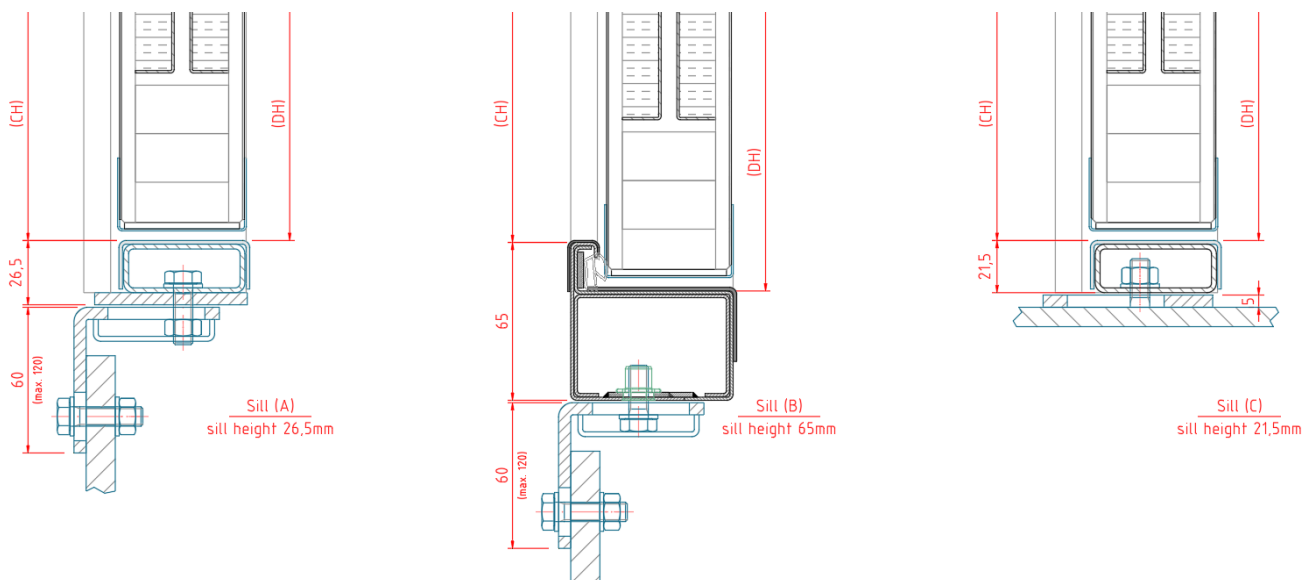
- For installation in described mounting frames
- Made of 2 layers of 1,25 mm sheet steel with closed frame geometry
- Internal Dorma G96EMF slide channel (EMF unit optional)
- Three different coaming types (A, B and C), some with individual heights
- Frame surface painted in RAL or optional NCS color. Special paint finishes on request
- Flush striking plate in brushed stainless steel K240 (optionally in polished 3D/2R)
- Casing cover in brushed stainless steel K240 (optionally in polished 3D/2R)
- Door seal in various colors:
 - white ~RAL 9016,
 - black ~RAL 9004,
 - gray ~RAL 7035,
 - beige ~RAL 1011,
 - brown ~RAL 8024

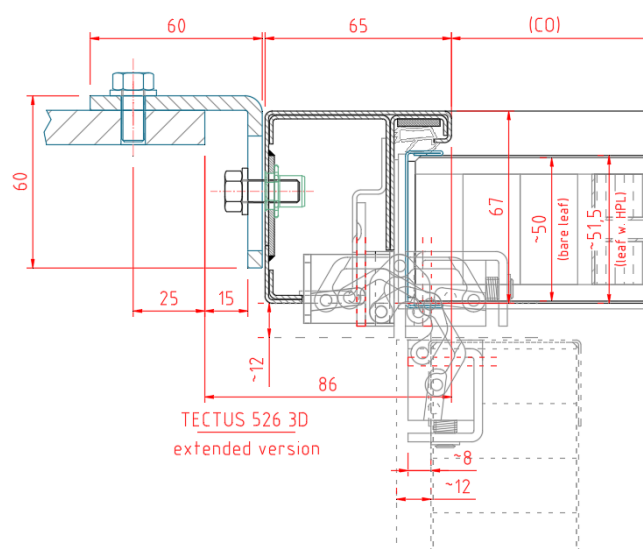
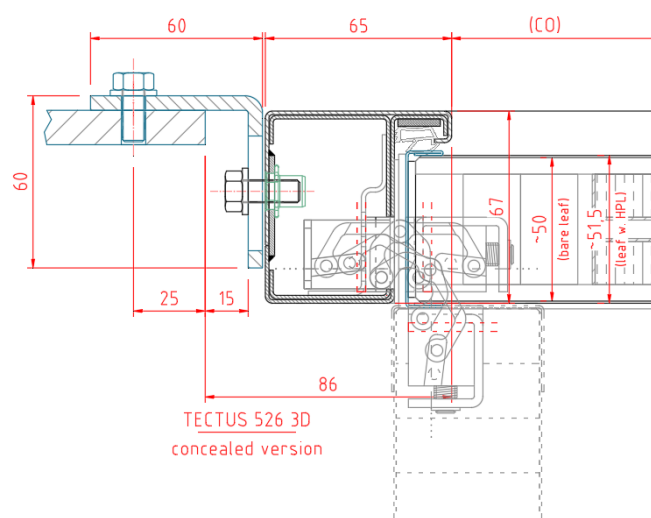
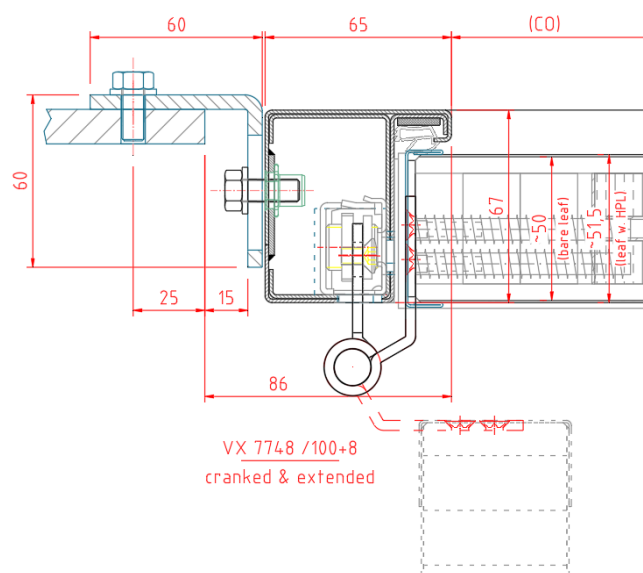
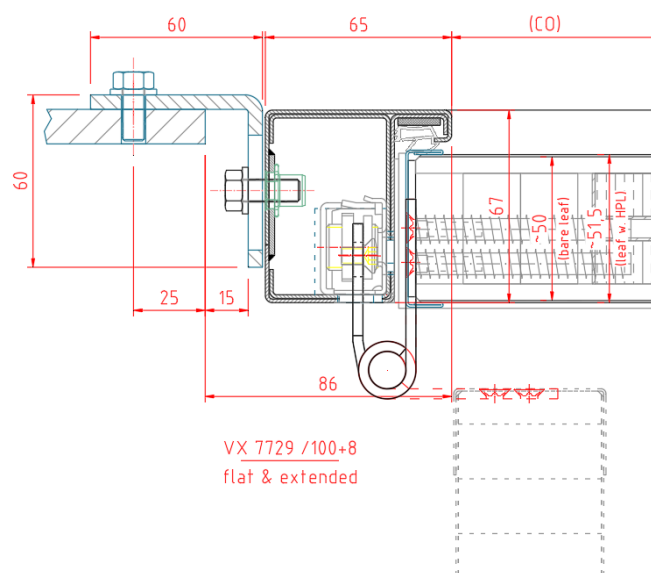
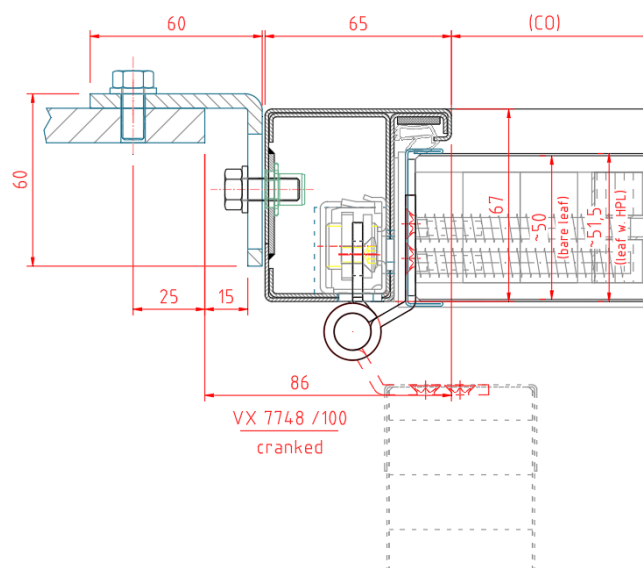
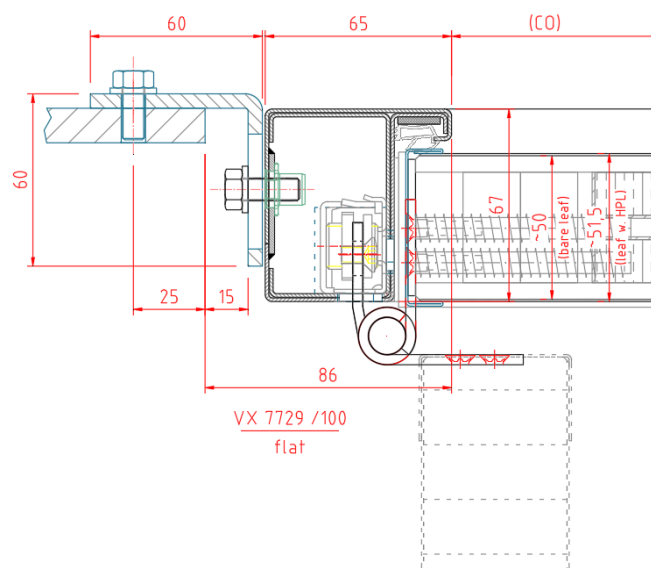
> Door leaf

- Special leaf construction from Calcium silicate and two internal sound layers, covered both sides with industrial HPL Resopal 105/60 (RAL 9010) 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
- 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, backset 65 mm, 235 mm faceplate with "LETHE" imprint and crank latch in brushed stainless steel K240 (optionally in polished 3D/2R)
- 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


TECHNICAL DATA

Weight	Fire classification	Certificate no.	Max. dimension (COxCH)
~ 74 kg (CO x CH 1000 x 2050)	A60	SEE073P0000523	1050 x 2159 mm
Frame coatings	Leaf coatings	Option	
RAL / NCS	RAL / NCS HPL Veneer	- 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 (rectangular) max 600x750mm, (round) max. 500mm, USCG max 645cm ² (~250x250mm, Ø 280mm)	
Leaf material		Noise reduction Rw [dB] Single gasket	
Promatect-H		31	