FRANK
SHOWCASE SYSTEMS

PRODUCT- & COMPONENT-LIST

CHIC! Mode im 17. Jahrhundert · Hessisches Landesmuseum Darmstadt · Photo: Wolfgang Fuhrmannek

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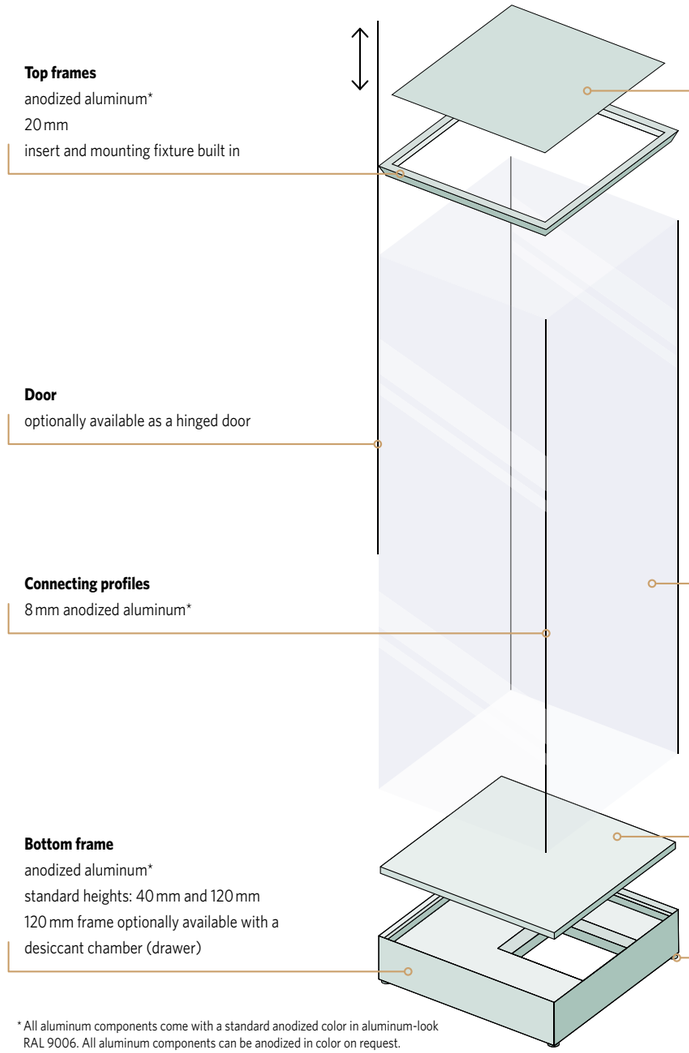
THE PATENTED FRANK CONNECTING SYSTEM

Technology that connects without screws & glue

The FRANK showcase system features our peerless connecting technology. It requires no screws or gaskets for dust-proof and airtight enclosure and preservation. Simply insert the minimally-designed aluminum connecting profiles into the grooves in the panels. No wider than the two 8-millimeter panels' connecting joint, these slim extrusions sit flush with the surface when installed to provide a form-fitting connection that is both remarkably stable and easy to disassemble.

ZERO OUTGASSING



Top frames
anodized aluminum*
20 mm
insert and mounting fixture built in

Door
optionally available as a hinged door

Connecting profiles
8 mm anodized aluminum*

Bottom frame
anodized aluminum*
standard heights: 40 mm and 120 mm
120 mm frame optionally available with a desiccant chamber (drawer)

Integrated top panel
made of acrylic or mineral glass;
available in satin, clear and opaque

Acrylic Glass
in various thicknesses
standard: colorless, UV filtering, opaque
custom option: color satin finish
UV-protected

Mineral glass
in various thicknesses
standard: 8 mm (4.4.2),
extra-clear laminated glass
custom option: all types of glass
available on request

Integrated base panel
strong, 15 mm aluminum sandwich panel*

Adjustable feet
adaptable in height: 8 – 18 mm

* All aluminum components come with a standard anodized color in aluminum-look RAL 9006. All aluminum components can be anodized in color on request.

PANELS

COMBINE MATERIALS & MATERIAL THICKNESSES

The FRANK showcase system is available in glass, acrylic and other materials. The same profiles serve to connect all types of materials, so you are free to combine different materials of various thicknesses.

MINERAL GLASS OR POLYMER?

	MINERAL GLASS		POLYMER		
Type	**LSG**	**Tempered glass**	**Acrylic**	**Polycarbonate**	**HPL**
Light	+	+	+++	+++	++
Stable	+++	+++	+++	+++	+++
Transparent	++	++	+++	++	–
Non-reflective	++	–	–	–	–
Anti-static	++	++	+	+	+
UV-protected	++	–	+++	+	++
Abrasion-resistant	++	++	+	++	++
Long life	+++	+++	++	++	+++

+++ excellent **++** very well **+** good **–** not available

CONNECTING PROFILES

Our patented, precision-milled aluminum profiles are only 8 millimeters wide. Inserted to join 8-mm acrylic or glass panels, they sit flush with the surface to provide a form-fitting yet readily detachable connection. With the benefit of these profiles, you can reuse the showcase as often as you wish. All aluminum components – the profiles, top and bottom frames and floor panel – come in a shade of grey RAL 9006. Other colors are available on request.

KEY FEATURES AT A GLANCE

- **Thickness: 8 mm**
- **Flush connection**
- **Precision-milled**
- **Available in various colors:**

VERSIONS

TABLE CASE

Our table-leg showcases come in any size to afford your artifacts the proper protection.

TOWER CASE

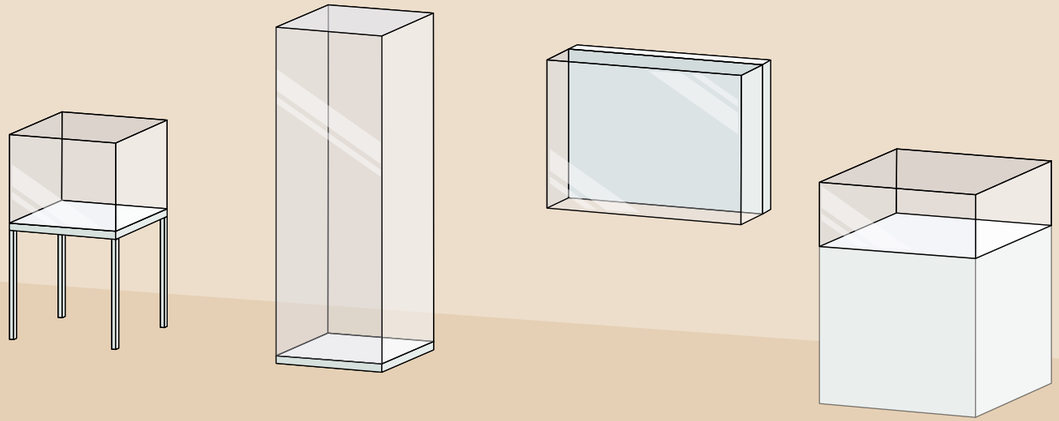
Configure your tower showcase with or without shelving to suit your display needs.

WALL CASE

Perfect for an eye-level encounter, our wall case casts your works in the proper light.

TABLE TOP CASE

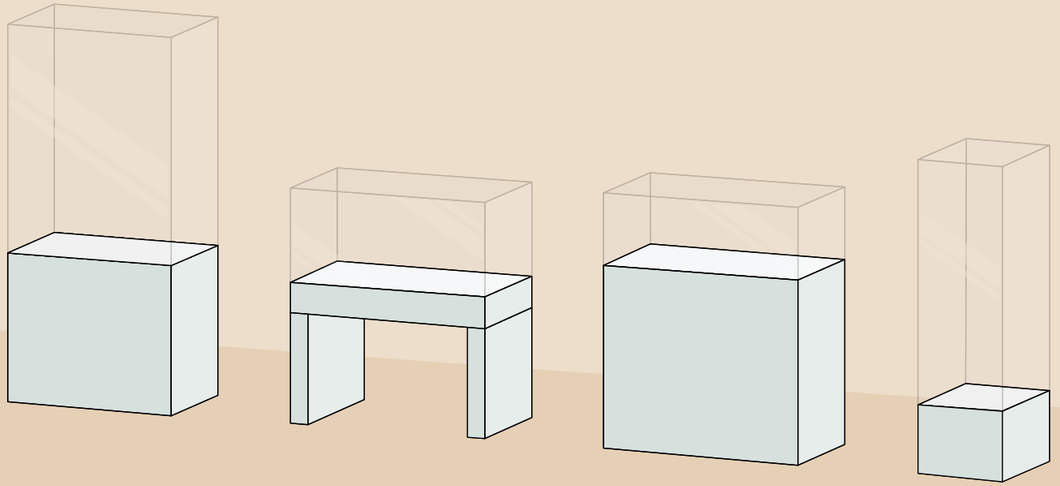
Table top showcases are a superb choice for presenting books, medals and exhibits small and large.



SPECIAL SOLUTIONS OF ANY SIZE

BASES

FRANK showcases may be combined with any type of base. We will be delighted to build a base in any size, shape, height and color you wish. If you prefer to draw on the services of your trusted designer or fabricator, we are always available to collaborate with other service providers.

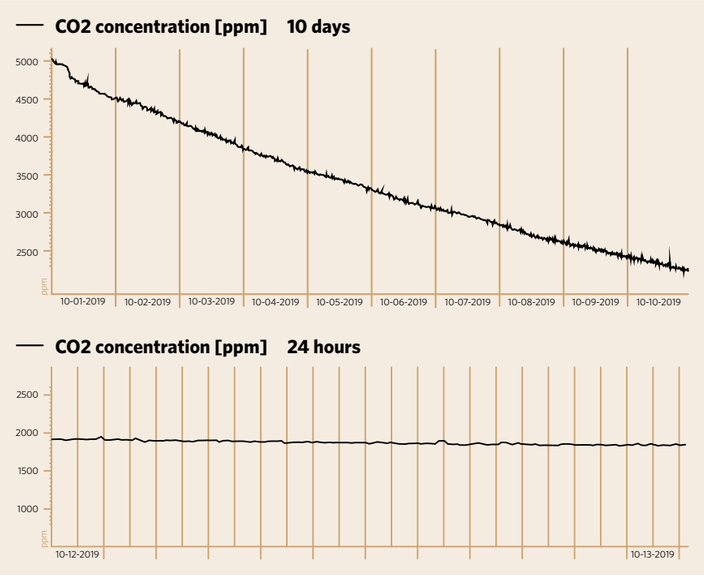


CUSTOM OPTIONS

1 | AER < 0,1

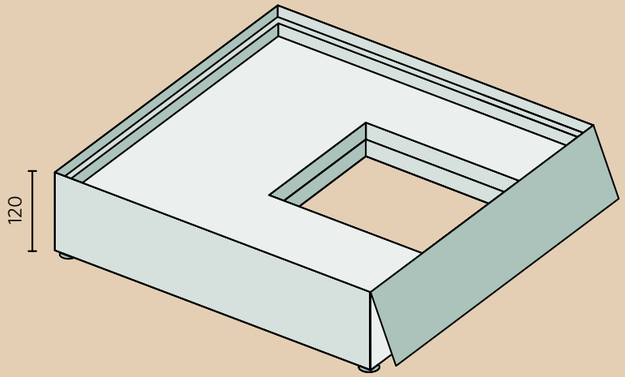
As of now FRANK showcases are available with an Air Exchange Rate of < 0,1:

NEW



2 | DESICCANT CHAMBER

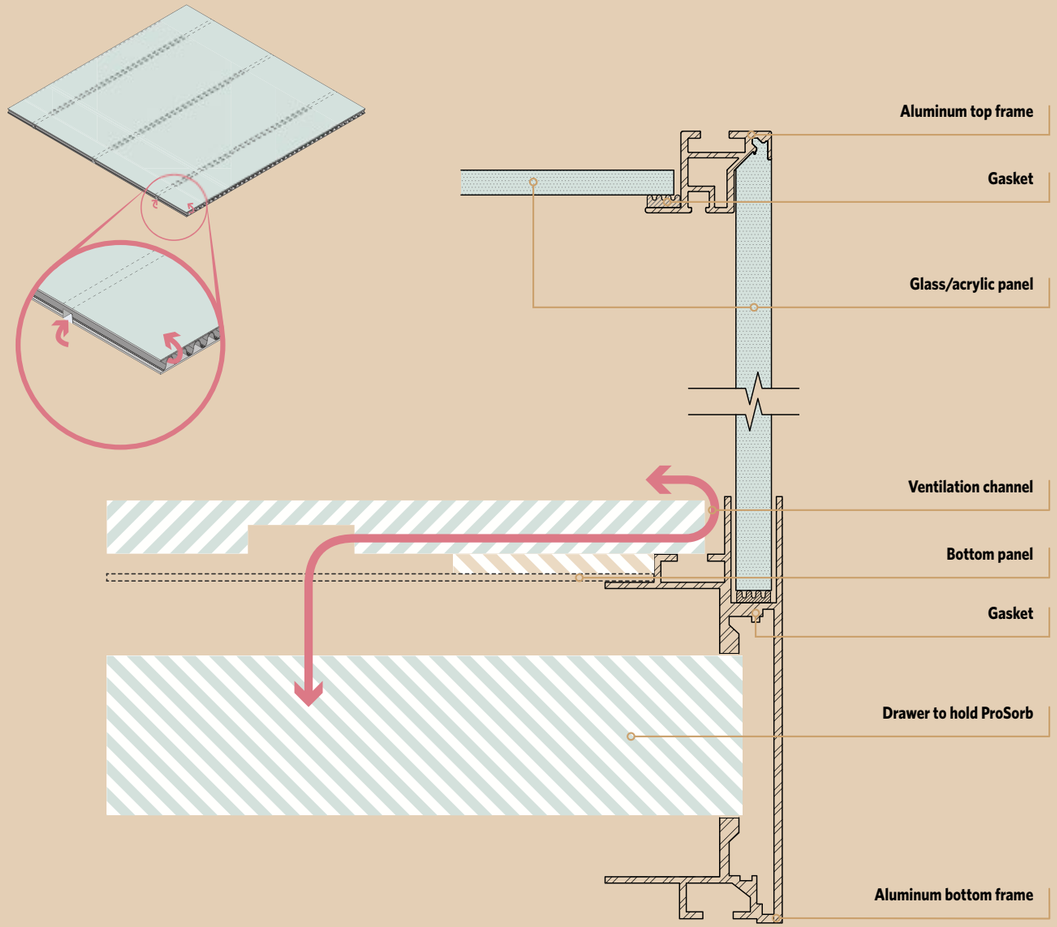
A special base frame provides for passive humidity control. Containing a locking drawer concealed by a panel, this base comes with horizontal ventilation ducts to circulate the air inside. The drawer holds a ProSorb silicate gel or an equivalent. None of its materials emit gas of any kind.



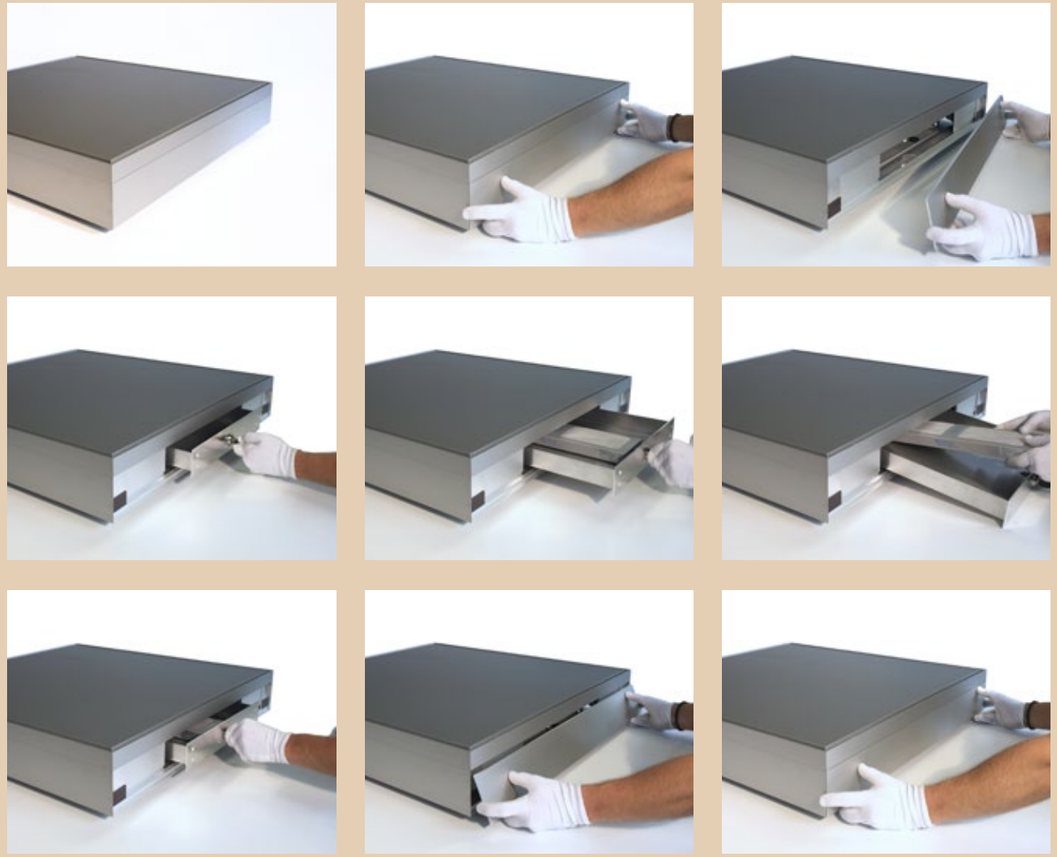
Dimensions in mm

KEY FEATURES AT A GLANCE

- **Special floor frame to control moisture**
- **Ventilation ducts circulate air in the interior**
- **Drawer holds ProSorb silicate gel**
- **Zero offgassing**



HUMIDITY CONTROL MECHANISM



3 | LIGHTING

FRANK offers a unique magnetic track system designed to provide elegant lighting. LED lamps may be positioned anywhere along the track. Custom-made in Germany, these premium miniature luminaires feature the latest generation of highly efficient, high-power LEDs. They are dimmable and available in different sizes and colors (°K).

*different colors on request

KEY FEATURES AT A GLANCE

- **Magnetic track system**
- **Made in Germany**
- **Dimmable LEDs**
- **Available in various colors (°K)**
- **Lamp base colors***
- **Track colors***

TECHNICAL SPECIFICATIONS MAGNETIC TRACK

Color	silver-chrome frosted or shiny and black frosted or shiny
Cross-section dimensions	~ 11 x 7 mm
Lengths	Variable as needed, up to 2 m per section
Electrical connection	On both sides
Cable	3 m long and pre-assembled with plug
Power consumption	~ 50 W / 2 m (cable type Fl-LiY 2 x 0.5 mm²)
Power consumption	~ 100 W / 2 m (cable type Fl-LiY 2 x 0.75 mm²)
Voltage consumption	12V DC constant voltage

REQUIRED EQUIPMENT

12V DC power supply with constant voltage

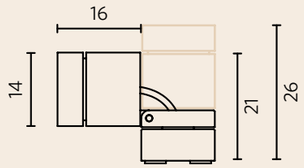
Dimensions in mm

COMPARISON OF LED LAMPS

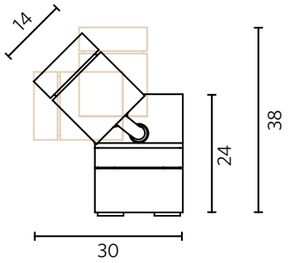
	C1-MICRO	C1-MINI-LC	C1-MINI-HC	C1-STS 2.0
Housing color	black, silver, brass	black, silver, brass	black, silver, brass	black, silver, brass
Protection	IP 20	IP 20	IP 20	IP 20
Lifetime	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Lifetime indicator	L70F10	L70F10	L70F10	L70F10
LED type	High power LED, high CRI	High power LED, high CRI	High power LED, high CRI	High power LED, high CRI
Light color	~2,700 K, ~3,000 K, ~4,000 K, ~5,700 K	~2,700 K, ~3,000 K, ~4,000 K, ~5,700 K	~2,700 K, ~3,000 K, ~4,000 K, ~5,700 K	~3,000 K
Color rendering index	Type 97, R9 > 90, R12 > 90	Type 97, R9 > 90, R12 > 90	Type 97, R9 > 90, R12 > 90	Type 97, R9 > 90, R12 > 90
Max. color variation	≤ 3 SDCM	≤ 3 SDCM	≤ 3 SDCM	≤ 3 SDCM
Luminous flux	Max. ~ 50 lm	Max. ~50 lm	Max. ~100 lm	~110 lm (lens ~20°)
Power consumption	Max. ~1 W	Max. ~1 W	Max. ~1,9 W	~1,9 W
LED driver	Internal	Internal	Internal	Internal
Voltage consumption	9 – 12 V DC constant voltage	12 V DC constant voltage	12 V DC constant voltage	12 V DC constant voltage
Dimming	External	External	On board	On board
Standard lens	30°	30°	30°	20°
	NEW			

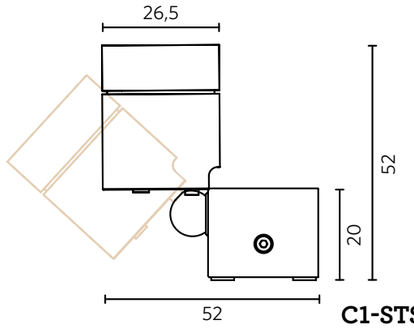
EMC directive DIN EN 55015:2013-compliant

C1-MICRO

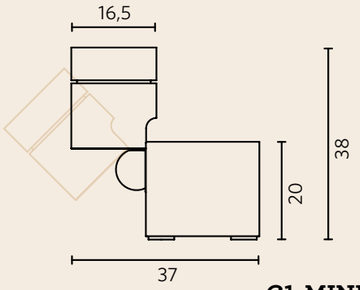


C1-MINI-LC





C1-STS 2.0

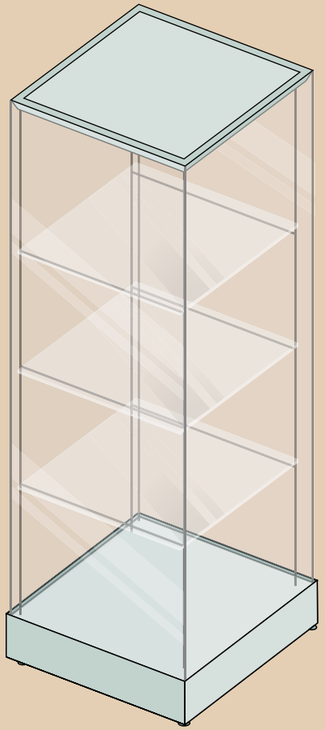


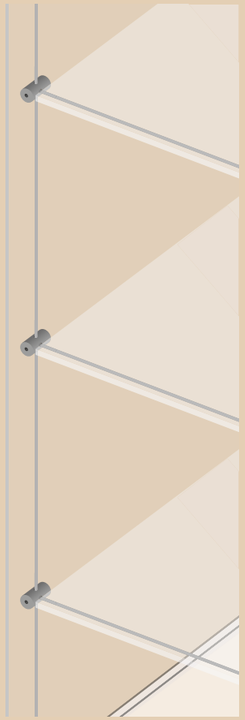
C1-MINI-HC

Dimensions in mm

4 | SHELVING

The shelving system is infinitely adjustable. All components are made of stainless steel. Glass shelves are available in LSG or tempered glass. They are manufactured to the extra clear (low-iron) quality standard.





KEY FEATURES AT A GLANCE

- **Infinitely variable**
- **Glass shelves available in LSG or tempered glass**
- **Stainless steel components**
- **Extra clear (low-iron) quality standard**

5 | PROFESSIONAL INSTALLATION SERVICE

The FRANK service team will be pleased to assist you. We are able to install large, complex exhibits, reliably and with remarkable speed. A crew of 6 assembled 92 FRANK cases in just four days – that kind of service is unique to FRANK.

LOGISTICS

FRANK showcases come disassembled in a flat pack for convenient delivery and efficient, space-saving storage.

1 | WOOD CRATES

Our wood crates protect your showcases well in transit. Made to measure, they come with the pallet built in.

2 | FLIGHT CASES

FRANK flight cases provide the best protection, easy access and a space-saving means of storage. Every flight case is custom-made and can be configured to hold one or more showcases.

PERFECT FOR PERMANENT, TEMPORARY & TRAVELING EXHIBITIONS

KEY FEATURES AT A GLANCE

- **Efficient delivery**
- **Space-saving storage**
- **Optimum protection**
- **Flight cases for easy access**

SPECIAL SHOWCASES

ALSO BY FRANK

Do you need a custom-made solution for your project? Any design, any size – anything from a freestanding case to custom displays. Contact us, and we will work out a concept with you according your design expectations and technical specifications.

CONTACT

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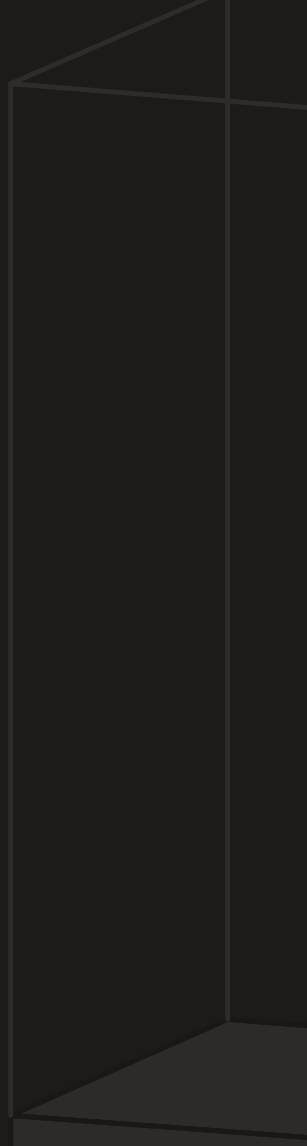

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