Cost-effective shop closures.

For separate opening hours and multiple locations.

Shop partition · Trentex smart · Textile roller door

Shop partition with black mesh, closing around a corner

Designed for your project. Supplied worldwide.

With installation by our fitters or as supply-only.

www.trentex.de

Which system suits your opening?

Three ways to open. The choice depends on the layout and available space.

Shop partition

Guided by a ceiling track. Stored in a side cabinet. Also for layouts around corners.

Up to 30 m with one cabinet
Up to 60 m as a double installation

Trentex smart

Pulled across from the side and tensioned. No ceiling or floor track.

Up to 7 m wide

Textile roller door

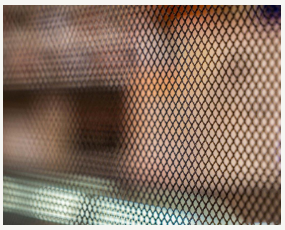
Opens upwards. The curtain rolls up above the opening and runs in side tracks.

Standard up to 7 m wide
and 4.5 m high

We select the system, fabric and installation to suit your project.
The stated dimensions depend on the configuration.

Fabric and finish.
What should your closure show?

The fabric determines visibility, surface appearance and the effect in the space.



Black

10

Open mesh keeps the retail area visible.

Silver-grey

10

Light-coloured mesh reduces views into the closed area.

Custom print

11

Your image, logo or graphic on the selected fabric curtain.

Trentex protect

12

Cut-resistant stainless steel mesh. A1 reaction-to-fire class for the mesh.

Trentex protect light

13

Flexible, cut-resistant fabric. B1. Also suitable for textile roller doors.

The system and fabric combination are confirmed for your project.
A1 and B1 describe the reaction to fire of the fabric.

Shop partition.

One area closes.
The wider premises stay open.

Closed · Florist in Aachen

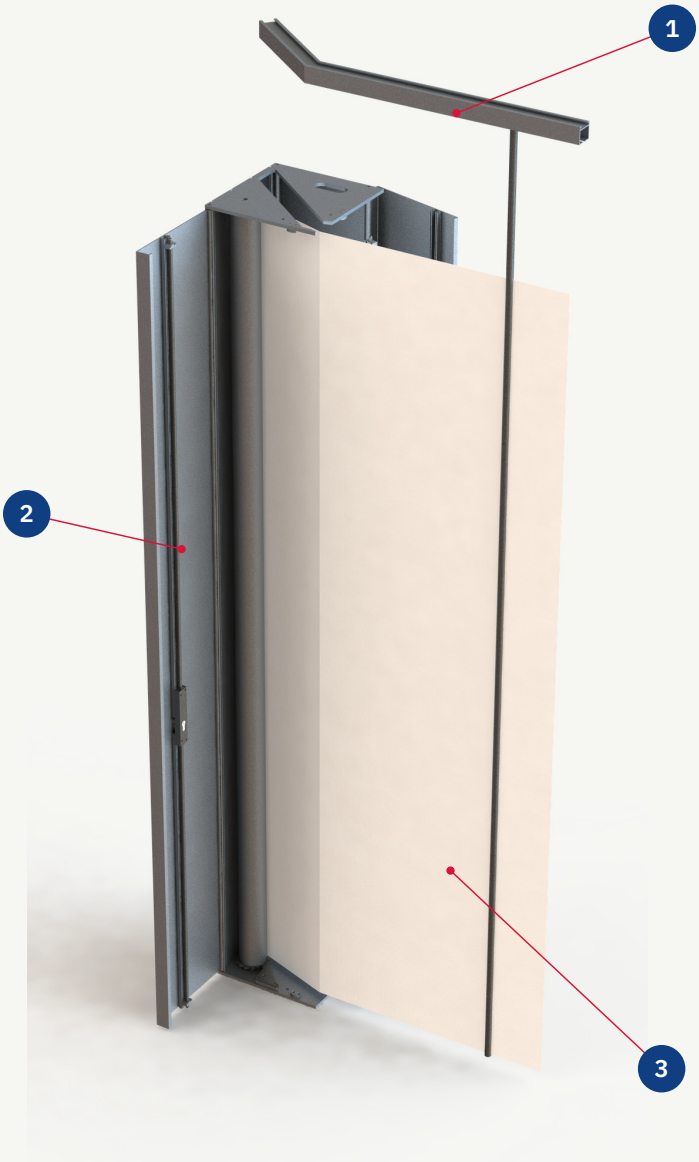
Open · the same installation

The ceiling track follows the shopfront, including corners. On opening, the curtain retracts into the side cabinet, leaving the entrance clear. No floor track is required.

The track route, cabinet position and fabric are planned for the installation. These two original photographs show the same florist with the partition open and closed.

How the shop partition is built.

The ceiling track, side cabinet and curtain form the system.



01

Ceiling track

The track guides the curtain along the opening. A route around corners is possible.

02

Side cabinet

The curtain retracts into the side cabinet on opening. The open cover reveals the mechanism inside.

03

Fabric curtain

The fabric and finish suit the intended use. Black mesh retains views; a print adds a design to the closed surface.

Original PORTEC rendering. Cabinet open; fabric curtain extended.

Up to 30 m

One cabinet

Up to 60 m

Double installation

Widths depend on the configuration. The installation is planned for your project.

Trentex smart.

Tensioned from the side.
No continuous tracks.

Installed at a store entrance · partition area outlined in white

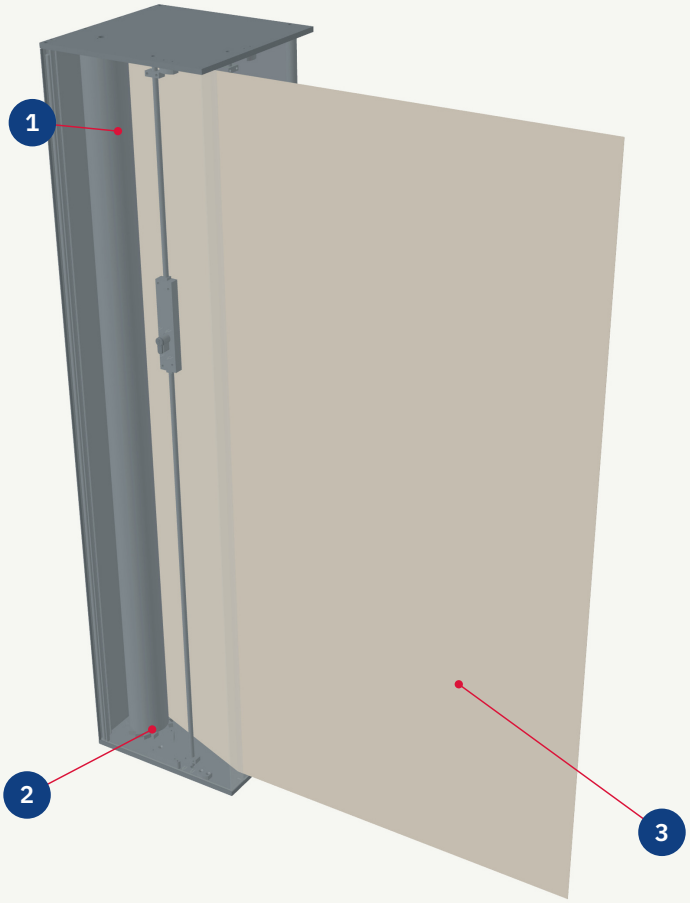
Openings up to 7 m wide

Pull the curtain across from the side, hook it into the fixing point and tension it using the side cabinet. No continuous track is needed at the ceiling or floor.

Planning covers the opening dimensions, cabinet position and opposite fixing point. Black, silver-grey or a custom print determine the appearance.

The smart side cabinet. A closer look.

Original PORTEC geometry. Curtain storage and tensioning at the side.



01 Housing

Cross-section 350 × 350 mm. Cabinet height up to 2,100 mm. The cabinet houses the curtain and tensioning mechanism.

02 Tensioning mechanism

The shaft and tensioning mechanism sit inside the cabinet. The transparent view reveals them.

03 Fabric curtain

Maximum curtain height: 1,950 mm. The configuration is planned to suit the installation.

CAD construction detail with transparent covers; the top stays closed.
This is an inspection view, not an opening motion or a complete installed system.

01

Pull across

02

Hook in

03

Tension

Textile roller door.

Opens upwards.
Guided at the sides.

Printed curtain in the VW canteen · installed system

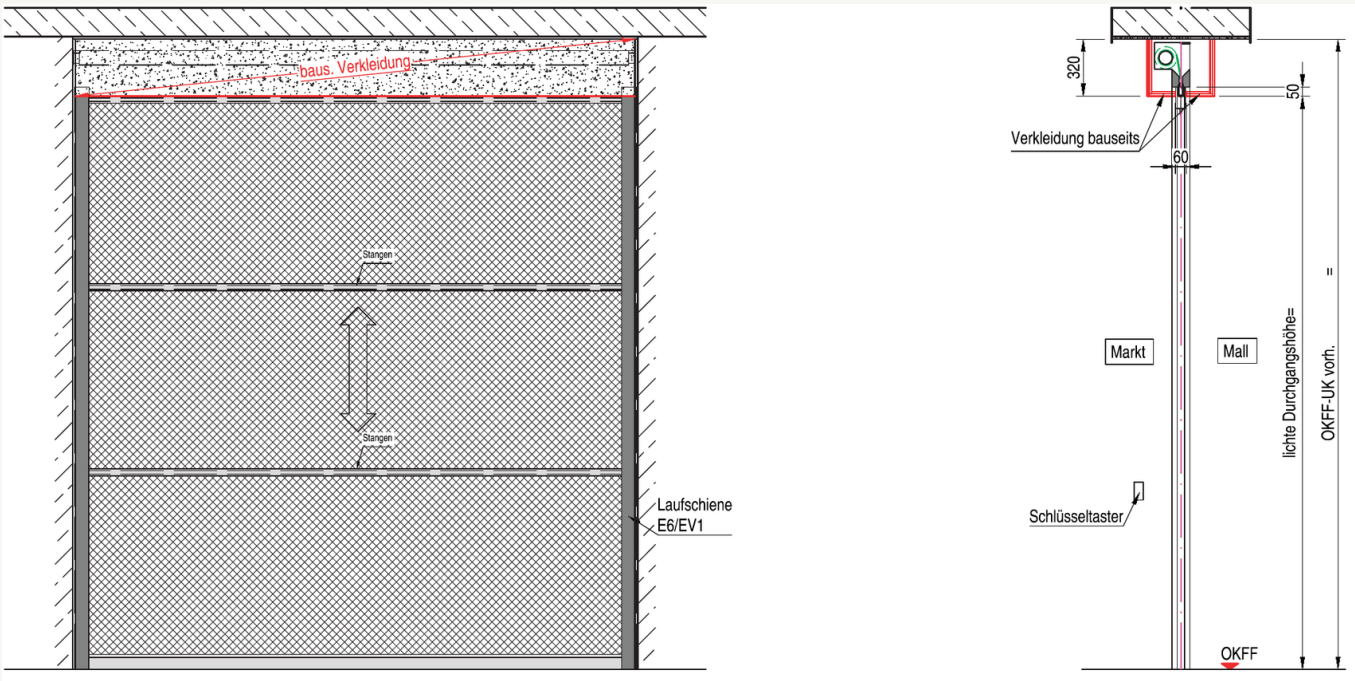
Up to 7 m wide. Up to 4.5 m high.

On opening, the curtain rolls up above the opening. Side tracks guide it. Installation depends on the available headroom and fixings at both sides.

The standard dimensions and fabric combination are confirmed for the chosen configuration.

Rolled up above.
Guided at the sides.

Front and section views of a configuration with a head cover.



Original PORTEC drawing · example configuration

01 Storage above the opening

The roller takes up the curtain. Installation height starts at 320 mm, depending on the configuration.

02 Side tracks

The front view shows guidance at both sides. Fixings are planned for your project.

03 Fabric curtain

The fabric and print suit the use. Standard: up to 7 m wide and 4.5 m high.

Drawing labels: Laufschiene = side track; Stangen = rods; Verkleidung bauseits = site-supplied cover; lichte Durchgangshöhe = clear opening height; OKFF = finished floor level; Schlüsseltaster = key switch.

How much should remain visible?

Lighting, distance and viewing angle affect visibility.

Black mesh · shop partition around a corner

Black

The open mesh retains views. Products and interiors remain visible depending on lighting and distance.

Silver-grey shop partition · Aachen

Silver-grey

The lighter mesh reduces views. It is less transparent than black without being completely opaque.

We assess the fabric under the lighting conditions at your premises.
The fabric configuration and required documentation are agreed for the project.

Your design on the curtain.

A logo, picture or graphic gives the closed surface its design.

Custom-printed shop partition · installed system

Plan the artwork, fabric and layout together.

The print is applied to the curtain and moves with it as the system opens and closes. We agree the artwork files, image layout and desired visibility. A textile roller door can also carry a custom print.

Transparency depends on the selected fabric.

Trentex protect.

Cut-resistant stainless steel mesh.
A1 reaction-to-fire class.

Stainless steel mesh at Rindermarkthalle Hamburg · installed system

Original material detail

Grade 1.4401

The stainless steel mesh is cut-resistant and non-combustible. Its operating principle and accessories are based on the shop partition. With two cabinets, widths up to 22 m are possible, depending on the configuration.

A1 describes the reaction to fire of the mesh. Requirements for the complete system are checked separately.

Trentex protect light.

Flexible and cut-resistant.
Also for textile roller doors.

Installed system

Fabric structure

B1 reaction-to-fire class for the fabric.

protect light is a lightweight, flexible and cut-resistant fabric. It can roll up vertically for use as a textile roller door curtain. We confirm the base system, dimensions and fabric requirements for your project.

Shop partition accessories may be used where the installation allows.

B1 describes the fabric. It is not a fire-resistance or smoke-control classification for the complete system.

Accessories for your installation.

Plan the fixing point, changes in direction and cabinet position to suit the space.

Freestanding fixing profile

For fixing the curtain where no wall is available. Removable during daytime use and storable in the cabinet.

Corner guides

For changes in direction up to 135°. Guide rods can be removed during daytime use and stored in the cabinet.

Cabinet support frame

Supports the side cabinet where it cannot be fixed to a wall.

Recessed cabinet

Flush integration in the wall. The front of the side cabinet remains visible.

These accessories are for the shop partition. Combinations are confirmed for your installation.

Three systems.
The differences at a glance.

Start with the opening principle and available installation space.

	Shop partition	Trentex smart	Textile roller door
Operating principle	Sideways along the ceiling track	Pull across, hook in, tension	Roll upwards
Guidance	Ceiling track; also around corners. No floor track.	No ceiling or floor track	Side tracks
Storage	Side cabinet	Side cabinet	Above the opening
Width	Up to 30 m with one cabinet; up to 60 m as a double installation	Up to 7 m	Standard up to 7 m
Other dimensions	Height and space requirements by configuration	Cross-section 350 × 350 mm Cabinet height up to 2,100 mm Curtain height max. 1,950 mm	Standard height up to 4.5 m; installation height from 320 mm, by configuration
Planning focus	Track route, cabinet position and fixings	Cabinet position and opposite fixing point	Headroom and side fixings

Maximum dimensions and fabric combinations depend on the configuration and are confirmed together.

From your sketch to the finished system.

PORTEC plans, manufactures and supplies worldwide. Choose the service you need.

01

Describe the installation

A short description, photographs and approximate dimensions are enough for the first discussion. Include the location and intended use.

02

Agree the system and fabric

We agree the opening principle, guidance, cabinet position and fabric. Artwork and fabric requirements are part of this planning.

03

Plan and manufacture

The agreed dimensions, fixings and configuration form the basis for your system.

04

Choose supply or installation

PORTEC supplies worldwide, with installation by our fitters or as supply-only.

Support after installation.

We can discuss maintenance and repairs when required.

Enquire about your project.

You do not need a finished plan. The following information helps us get started.

01 Approximate opening width and height

02 Photographs of the opening, ceiling and side fixings

03 How the area is used and its intended opening hours

04 Preferred system, fabric or artwork, if already known

05 Project location and preferred date

06 Contact details for follow-up questions

Send us your project information.

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Let's discuss your project.

Send us a sketch, photographs and approximate dimensions.

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With PORTEC installation or as supply-only.