



Tailored to your Needs

Tectura – System Solutions for Industrial Hall Construction

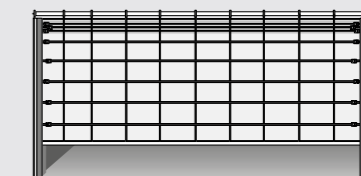
 **HUESKER**
Ideen. Ingenieure. Innovationen.

Tectura Folding Front



KEY DATA

- Standard dimensions up to 10 m height x 20 m width
- Larger dimensions on request
- Safe opening and closing even with high wind loads
- Different colours and fabric materials possible
- Drive options: Manual drive / electric drive with or without remote control
- Opening time 4 m/30 sec.
- Max. wind load 120 km/h
- Optional: higher wind loads



The front for huge openings up to 20 m wide and 10 m high as standard. It opens from bottom to top by gathering the curtain together. Welded cross belts, guided with rollers in lateral aluminium guide rails ensure safe opening and closing even in windy conditions. The space required for the folding process must be taken into account for the minimum clearance height, only the space for the rails is required at the sides.

Optional equipment:

- Weather protection cover – To protect the drive unit against weather such as rain, snow etc.
- Remote control – Additional remote module including 4-channel hand transmitter for opening and closing the folding front from a greater distance. The remote control requires a switch-off bar from a size of 6 m x 6 m.
- Switch-off bar – indispensable in conjunction with the remote control for safety reasons.

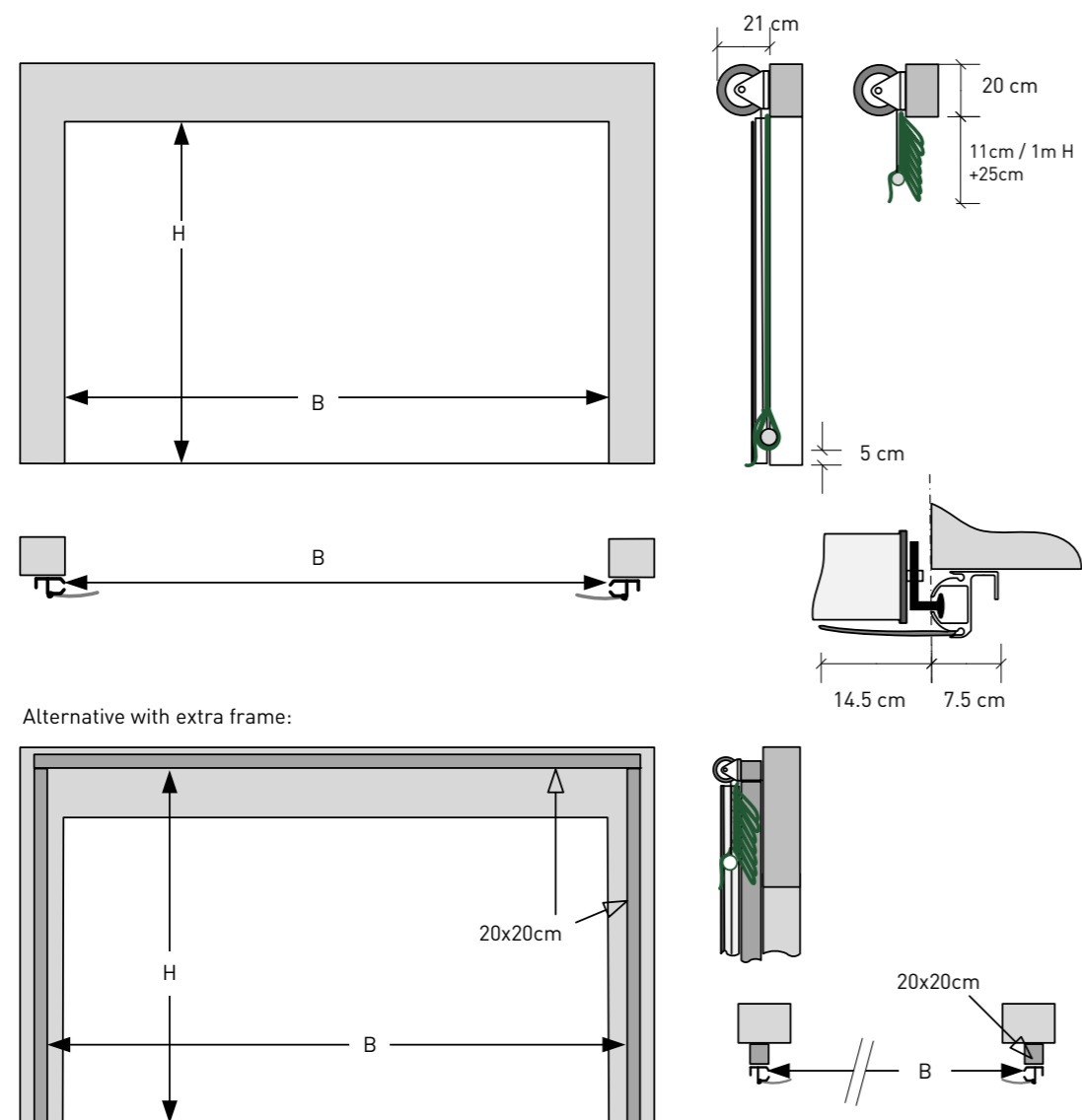
In addition to the standard aluminium version with wind class 2 also available with anodised aluminium for higher wind loads up to 150 km/h. The use of VA and anodised aluminium means that the folding front can be used without hesitation in coastal regions or in salt depots.



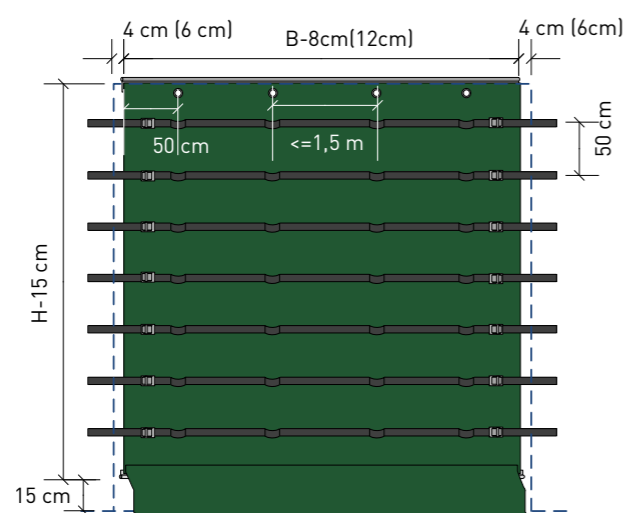


Technical data Tectura Folding Front

Dimensions



Fabric dimensions:



TECHNICAL DATA

Application	<ul style="list-style-type: none"> Indoor Outdoor
Wind load	Wind class 2 (higher wind classes on request)
Dimensions	20 m width x 10 m height (larger dimensions on request)
Opening speed	4 m ~ 30 sec.
Space required for drive	~ 20 x 20 cm (please note drawing)
Space required for textile material	Height: 11 cm per 100 cm door height + 25 cm overlay strap, Width: ~ 10 cm
Drive	<ul style="list-style-type: none"> NICE 280 Nm 400 V/50 Hz Becker tubular motor 120 Nm/50 Hz Lock HWA 120 Nm manual drive with hand chain
Safety	<ul style="list-style-type: none"> BIRCHER safety bar Timmer door stop NICE electric drive with integrated door stop Automatic magnetic interlock
Control box	<ul style="list-style-type: none"> Becker BOT6 NICE D-Pro
Remote control	Only in combinational use with safety bar
Fabric	<ul style="list-style-type: none"> PVC coated PES fabric Windbreak net for fresh air ventilation Different colours available
Construction	<ul style="list-style-type: none"> Standard <ul style="list-style-type: none"> Steel winding shaft Aluminium guide rails and spare parts Stainless steel <ul style="list-style-type: none"> Stainless steel winding shaft Anodized guide rails Partly stainless steel and anodized spare parts like e.g. clamp locks made of stainless steel

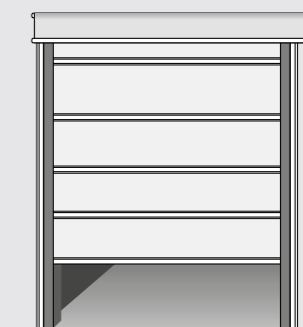


Tectura Stabidoor



KEY DATA

- Maximum size up to 6 m height x 6 m width
- Safe opening and closing even with high wind loads
- Different colours and fabric materials possible
- Drive options: Manual drive / electric drive with or without remote control
- Opening time 5 m/30 sec.
- Max. wind load 120 km/h
- Optional: integrated intrusion protection



The Stabidoor rolls up at the top and is characterised by its stabilising horizontal tubes, which provide exceptional wind resistance even for large doorways. Tubular motor 230 V, slip-on drive 400 V or manual winch are available as drive. Thanks to its low space requirement and installation space, the Stabidoor offers an alternative to conventional sectional doors, especially for rental and hire halls. For door openings up to 6 m wide and 6 m high, wind and weatherproof with laterally sealed aluminium guide rails, including a weather protection cover to protect the drive technology.

Optional equipment:

- Remote control - Additional remote module incl. 4-channel hand transmitter for opening and closing the Stabidoor from a greater distance.
- Storm protection - The Stabidoor is equipped directly with a magnetic lock and locks and unlocks automatically when opening and closing.

Easy assembly thanks to pre-assembly:

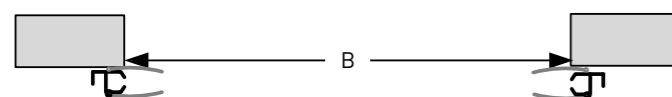
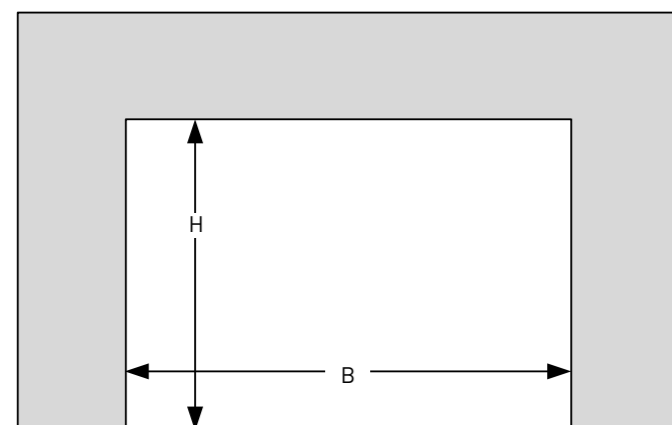
For even more convenience and quick assembly, the Stabidoor is the ideal solution for hall builders. HUESKER pre-assembles the roller door in its own production facility, checks it at the factory and sets the upper and lower end positions. The door is delivered in just one package. Fitters simply dock the textile doors onto halls made of conventional building materials or tent tarpaulins. Thanks to this quick installation, assembly errors are almost impossible.



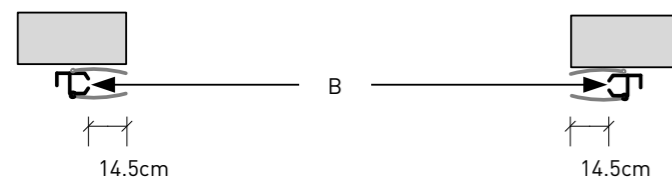


Technical data Tectura Stabitor

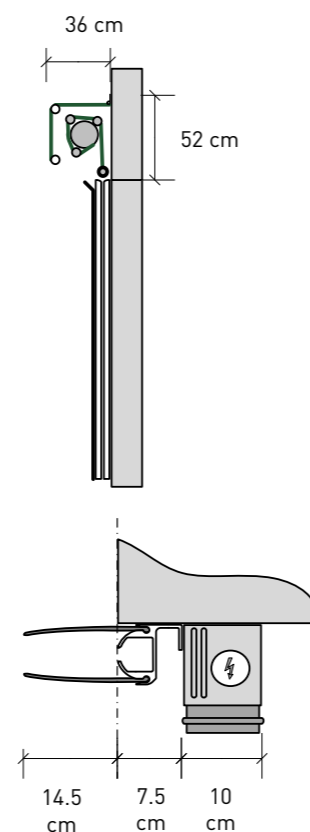
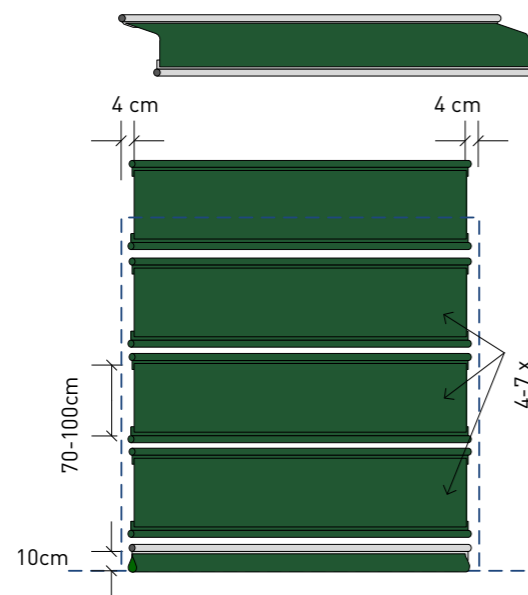
Dimensions



Alternative: door width B is 29 cm wider



Fabric dimensions:



TECHNICAL DATA

Application	<ul style="list-style-type: none"> Indoor Outdoor
Wind load	Wind class 2 (higher wind classes on request)
Dimensions	6 m width x 6 m height
Opening speed	5 m ~ 30 sec.
Space required for drive	~ 36 cm width x 52 cm height (please note drawing)
Drive	<ul style="list-style-type: none"> Becker tubular motor 120 Nm/50 Hz NICE 140 Nm 400 V/50 Hz Lock HWA 120 Nm manual drive with hand chain
Safety	<ul style="list-style-type: none"> Timmer door stop NICE electric drive with integrated door stop Automatic magnetic interlock
Control box	<ul style="list-style-type: none"> Becker BOT6 NICE D-Pro
Remote control	4-Channel hand transmitter (without safety barrier)
Fabric	<ul style="list-style-type: none"> PVC coated PES fabric Windbreak net for fresh air ventilation Different colours available PVC clear view window: height ~ 54.5 cm bis 79.5 cm Höhe Textile drive cover
Construction	<ul style="list-style-type: none"> Steel winding shaft Aluminium guide rails spare parts

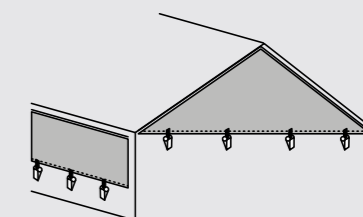


Tectura Textile Facades



KEY DATA

- Permanently installed wind protection mesh in different colours with varying wind-shielding performance
- Made-to-measure
- Permanently taut, crease-free cover with keder edges held by aluminium keder rails and ratchets
- Diverse shapes, from simple rectangles to asymmetrical polygons, manufactured to customer's specifications
- Size: max. 125 m²



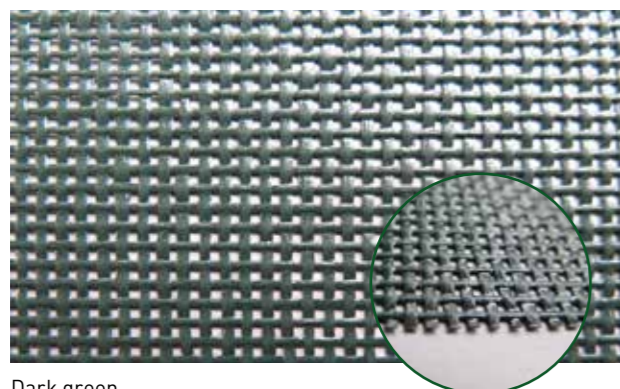
Cost-effective alternative to trapezoidal metal sheet, also suitable for large openings and easy to retrofit. Diverse shapes, from simple rectangles to asymmetrical polygons, purpose-manufactured to customer's specifications. Flexible system structure and direct fixing to building fabric allows fast, trouble-free installation. Weather protection and visual screening on exterior, daylighting for interior.

- Flexible system structure, rapid installation
- Fixed directly to building fabric, eliminating need for supporting frame (e.g. as for trapezoidal metal sheet)
- Straightforward dismantling if structural alterations are required at a later date
- Custom-manufacture
- Efficient ventilation, particularly suitable e.g. for timber depots



Material overview

For Tectura doors and fronts

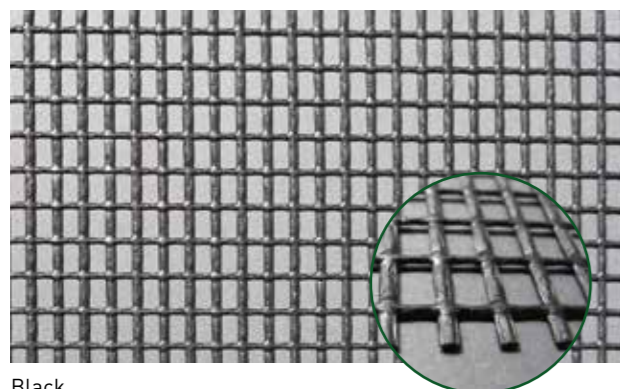


Dark green
Art. no. FW52.144DGD

PES-PVC MESH 73 52.144

PES mesh fabric with PVC coating, weight/unit area: approx. 250 g/m², wind break: approx. 90 %

	Brown	Art. no. FW52.144BFRC
	Black	Art. no. FW52.144SFRA
	Beige	Art. no. FW52.144BEFRA
	Grey	Art. no. FW52.144GFRA
	Dark green	Art. no. FW52.144DGD

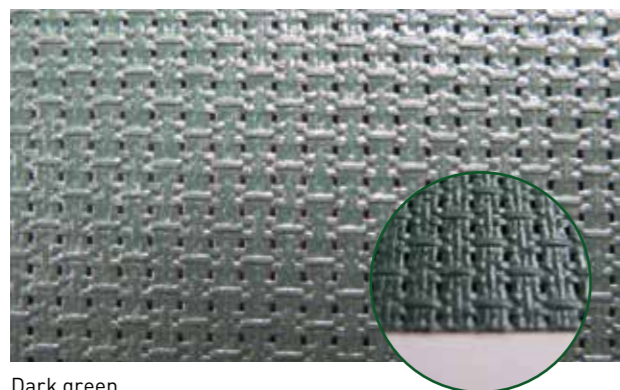


Black
Art. no. FW40/40-4SA

PES-PVC MESH 40/40

PES mesh fabric with PVC coating, weight/unit area: approx. 360 g/m², wind break: approx. 40 %

	Black	Art. no. FW40/40-4SA
	Dark green	Art. no. FW40/40-4WGA

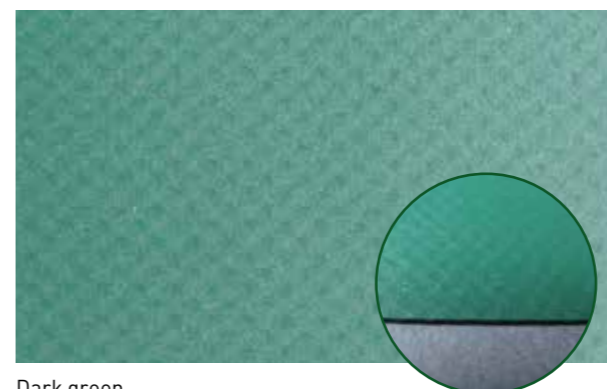


Dark green
Art. no. FW60/60-1DGFRA

PES-PVC MESH 92 60/60-1

PES mesh fabric with PVC coating, weight/unit area: approx. 450 g/m², wind break: approx. 94 %

	Brown	Art. no. FW60/60-1BFRA
	Black	Art. no. FW60/60-1SFRA
	Beige	Art. no. FW60/60-1BEFRA
	Grey	Art. no. FW60/60-1GFRA
	Dark green	Art. no. FW60/60-1DGFRA

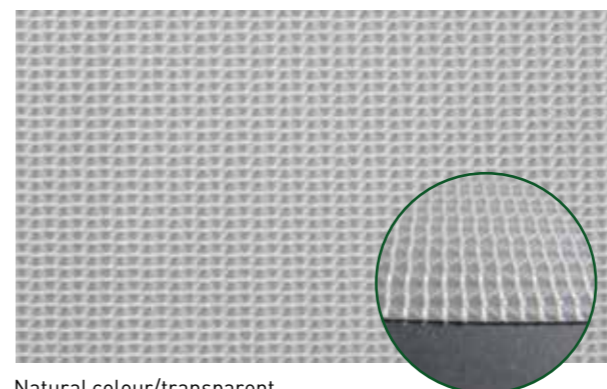


Dark green
Art. no. FW50.149DGA

PES-PVC TARPAULIN 6.5

PES mesh with PVC coating on either side, weight/unit area: approx. 650 g/m²

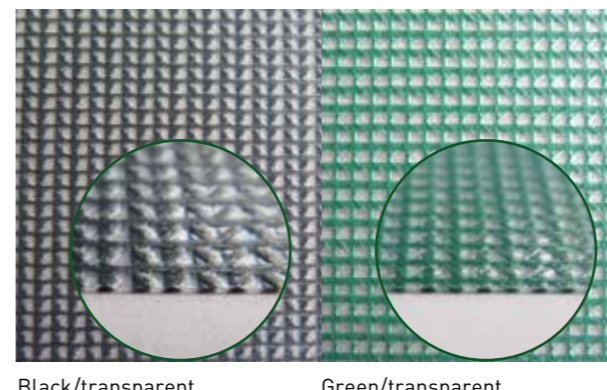
	Brown	Art. no. FW50.149BFR8.8A
	Black	Art. no. FW50.149SA
	Beige	Art. no. FW50.149BEA
	Grey	Art. no. FW50.149GFRA
	Dark green	Art. no. FW50.149DGA
	White	Art. no. FW50.149WFRA



Natural colour/transparent
Art. no. FW50.149TRFRA

PES-PVC TARPAULIN 6.5 WHITE/TRANSPARENT

PES mesh with PVC coating on either side, weight/unit area: approx. 650 g/m²



Black/transparent
Art. no. FW50.149S/TRA

Green/transparent
Art. no. FW50.149GRTRFRF

PES-PVC TARPAULIN 6.5 BLACK/TRANSPARENT AND GREEN/TRANSPARENT

PES mesh with PVC coating on either side, weight/unit area: approx. 650 g/m²



HUESKER – an experienced partner that understands your needs

HUESKER Synthetic GmbH has developed, manufactured and marketed customised textile system solutions for different application areas for over 35 years. The focus is on our customers and their requirements, which we endeavour to satisfy with flexibility and in-depth know-how. Our full expertise is dedicated to the service of our customers. The enormous diversity of customer demands is more than matched by the versatility of the HUESKER product portfolio and its wide-ranging applications.

Since April 2015, in response to the rising production capacity requirement, the HUESKER Group has directed its German business operations from a second location at Dülmen, in addition to the Gescher headquarters.

A 7,500 m² production hall and a 950 m² office building form the centrepiece of the new site, which will allow the Industrial and Agriculture business units to meet the ever-growing market demands.



HUESKER Synthetic is certified to ISO 9001 and ISO 50001.



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