CHAMPIONDOOR®

Shipyard and Harbour doors

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The operational reliability, large size and the suitability for buildings of different size makes Champion Door fabric doors especially competitive for shipyards and harbours. The doors are designed according to current EU standards to withstand demanding corrosive conditions and high wind loads. A specially designed PVC material withstands welding sparks. Champion Door offers the market's only specially insulated fabric fold-up door model (NK4 Warm). Thanks to the innovative lift mechanism, the Champion Door doors don't need tracks on the floor nor large frames. This saves in construction costs. Since the components are durable and of high quality, the door's life cycle costs are low.

The doors can be made in any size, and they are available all wind classes. The doors are tailor made according to customer needs and can be delivered installed as a turn-key project if so desired. Close co-operation between the designers and builders guarantees successful door projects and customer satisfaction.

Fabric fold-up doors are best in high doorways, because then the door doesn't require space inside the building.

FEATURES

- no size restrictions
- exceptional wind load durability = 1 kN/m²
  (wind speed 41 m/s or more)
- NK4 Warm with standard insulation wool
  u-value 0,71 W/(m²•K), with additional
  insulation up to 0,57 W/(m²•K)
- opening speed 6-10 m/min
- door fabric UV-protected
- weight of door fabric 850 g/m²

24 x 20 m crane door Remontowa, Gdynia, Poland

COLOUR CHOICES

White RAL 9016, Beige RAL 1001,
Yellow RAL 1003, Red RAL 3002, 3011
Green RAL 6000, Dark green RAL 6005,
Light blue RAL 5012, 5015,
Blue RAL 5005, Dark blue RAL 5002,
Grey RAL 7035, 7037, 7038, 7024,
Brown RAL 8016, Black RAL 9011
and translucent

Bilfinger Mars Offshore, Poland
35 x 21 m and 35 x 34 m

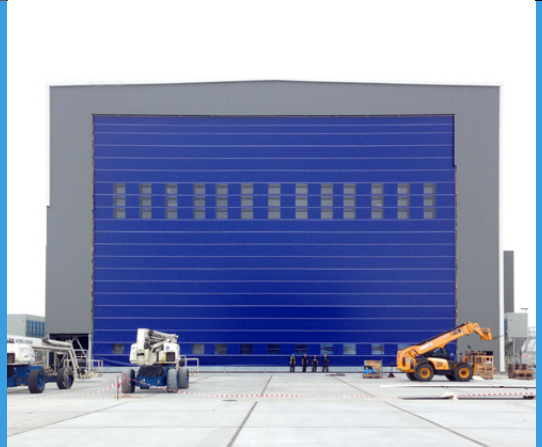
OPTIONS

- additional insulation
- soundproofing
- translucent fabric
- burglary protection door fabric
- special fabrics for extreme
  temperatures -60 – +200 C
- warning devices
  (sound signals and blinking lights)
- remote control operating

SPECIAL SOLUTIONS

- ATEX- properties for explosive-risk premises
- connection option to external reserve power system
- hydraulic emergency door open function

STX St.Nazaire, France 35 x 25 m



MOST IMPORTANT BENEFITS

- no threshold or tracks in the floor
- lighter structure – lower construction cost
- functional reliability in demanding conditions
- exceptional wind load durability
- long life
- low life cycle costs
- low service costs
- great corrosion resistance
- tight structure
- low power consumption
- excellent thermal insulation

TECHNICAL DATA AND OPTIONS

Heat insulation	**NK4 Warm with standard insulation wool u-value 0,71 W/(m²•K), with additional insulation up to 0,57 W/(m²•K)**	
Wind load durability	**1 kN/m²** **unlimited**	**(s)** **(o)**
Maximum size of door	**no size limitations**	
Control system	**Electronic and programmable**	**(s)**
Control	**from 3 button panel** **impulse control** **radio-control** **pull switch control** **radar control** **induction loop control**	**(s)** **(o)** **(o)** **(o)** **(o)** **(o)**
Safety equipment	**door's falling protection** **lower edge crash sensor** **wind lock** **photocell** **laser – light curtain**	**(s)** **(o)** **(o)** **(o)** **(o)**
Options	**windows** **addition heat insulation** **soundproofing** **burglary protection fabric** **hydraulic emergency open** **touch screen operation** **secure remote control SRC**	**(o)** **(o)** **(o)** **(o)** **(o)** **(o)** **(o)**

(s) = standard (o) = option

We carry out annual maintenance and safety inspections on the fabric fold-up doors that we deliver according to separate service agreement.

Service/maintenance number +358 440 458 822

CHAMPIONDOOR®

Champion Door Oy

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