



TEXTILE FIRE CURTAINS

FK ROLL EW / FK ROLL EI / FK ROLL MINI

PROTECTING AN AIRPORT OR A NUCLEAR POWER PLANT

„When I started the company, I did everything myself. Only a handful of other companies focused on buildings' fire safety back in the 90s Europe. I started developing my own products and built the company from scratch.

The drivers of our success are fire curtains, skylights and smoke and heat exhaust ventilation systems. We protect the Václav Havel Airport in Prague or a nuclear power plant in Slovakia; we are proud to have worked at the Louis Vuitton Foundation building in Paris and many more buildings and facilities.

And it does not stop there. We are constantly developing new innovative products and technologies to always stay one step ahead.“



František Kregl, founder and managing director

We do it all. Development, installation, and maintenance



Anyone can resell. We develop our products ourselves

Innovation is vital for us. We know we are doing it right when our competitors copy us.



Fire protection advice for architects and engineers

We enjoy challenges and come up with customised solutions for unique and complex projects.



High-quality components from Germany and Austria

High-quality components guarantee maximal reliability. Saving money on life and property protection is not worth it.



Every project is priced individually with care and transparency

You always know your total costs in advance. We guarantee no unexpected price changes.



Expert installation across EU

Our experienced technicians take care of installation. Our founder may even help out, if necessary.

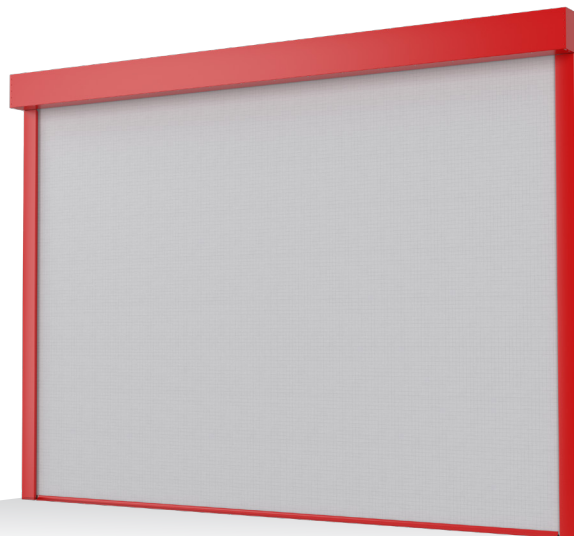


Long-term service and maintenance

Provided by certified technicians who are punctual, reliable and meet all your deadlines.

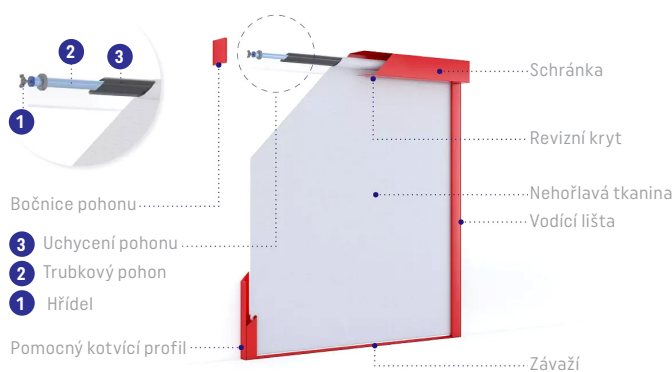
Fire Curtains: Effective Alternative to More Expensive Steel Fire Shutters

Fire curtains slow down the spread of fire for 15-120 minutes by separating fire compartments. They are used in warehouses, production facilities, shopping centres, or parking houses. When inactive, they are almost invisible; in case of fire, they slide down on their own to protect lives and property.



Fire Curtains: Pros

When not used, fire curtains are rolled up and do not get in the way of daily operations in manufacturing halls, warehouses, or parking facilities. They comply with the same standards as steel fire shutters while being lighter, less spacious, less noticeable and less expensive.

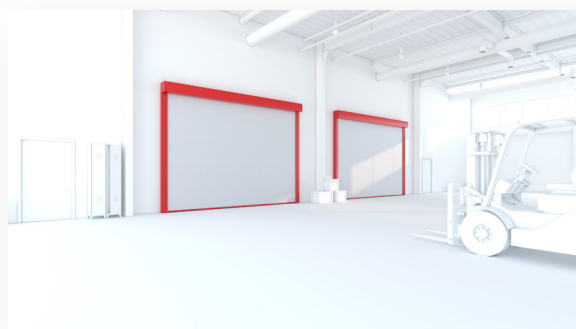


Fire Curtains: Construction

Curtains are kept hidden in a hardly noticeable box. They are made of fire resistant fabric spooled around a shaft powered by an electromotor. In case of a fire alarm, the fire curtain's control unit releases its electromagnetic brake, making the curtains roll down by their own weight, while guide bars on the sides make sure the fabric of the curtains stays in place.

Fire Curtains: Application

The best choice for buildings where you need to separate fire compartments and maintain free passage, accommodate even forklift trucks or cars, and not diminish the space optically. Fire curtains are popular in shopping centres, at airports, in warehouses, parking facilities, hospitals, office buildings, or large industrial facilities.



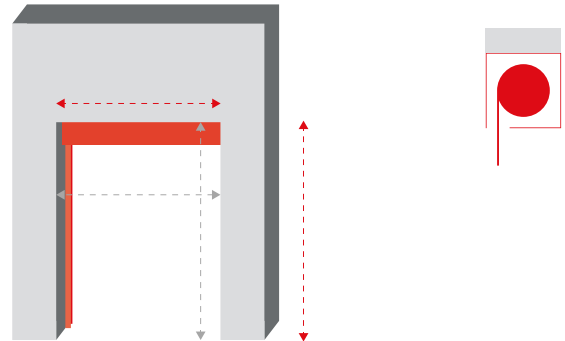
Installation of Fire Curtains

In a Construction Opening

Fire curtains are anchored directly in the opening, e.g., in a doorway between warehouse sections.

This diminishes the clear width of the opening by 240 mm and its floor clearance by 200-300 mm. To make fire curtains less noticeable, they can be lined with plasterboard.

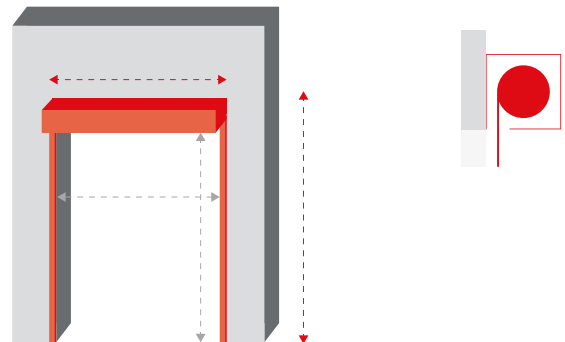
red dimensions indicate the dimensions of the cap
grey dimensions indicate the dimensions of the hole



Above a Construction Opening

Attaching fire curtains to a lintel above a construction opening keeps its floor clearance and clear width intact.

This makes the curtain box less prone to damage (e.g. by forklift truck collision) and easily accessible for maintenance.

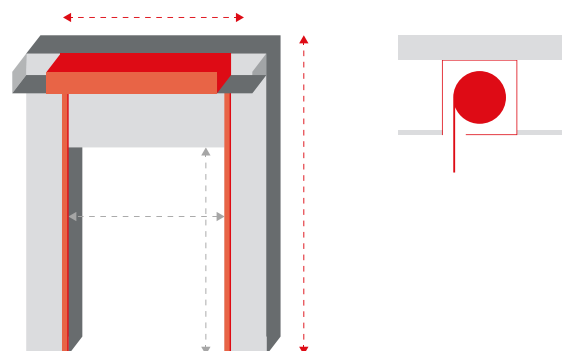


Into a Ceiling

To maintain maximum floor clearance and clear width, fire curtains could be anchored into the ceiling.

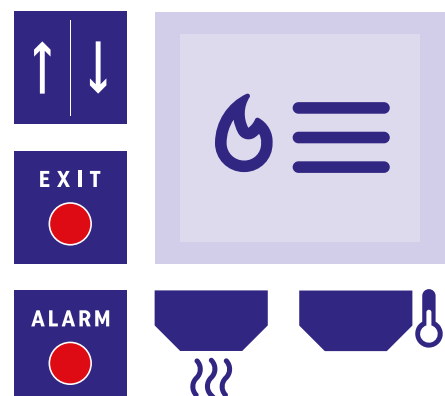
In a dropped ceiling situation, the curtain box stays completely out of sight.

A common practice in shopping centres and office buildings where you do not want any visual disturbance to the interior.



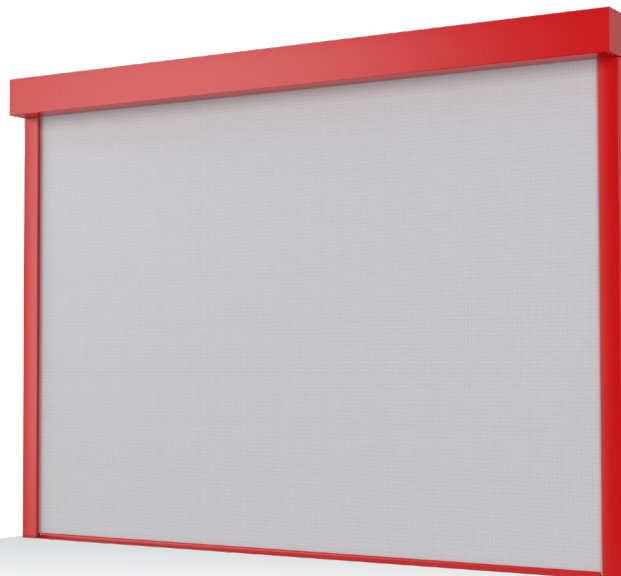
Other Fire Safety Equipment

We supply fire and smoke detectors, fire alarm buttons, emergency open buttons, or manual curtain operation buttons. We provide expert advice on fire equipment and consultations.



FK ROLL EW

FK ROLL EW fire curtains of class EW fire resistance contain the spread of heat for 15-120 minutes. Contrary to other textile fire curtains, they do not need to be sprayed with water. They are lighter and smaller than steel fire shutters and blend in with interior design better. Hardly noticeable when not active. Fire curtains are a popular solution in parking facilities, office buildings or shopping centres.



Why to Get FK ROLL EW



No water sprays needed

FK ROLL EW prevent the spread of heat for 15-120 minutes according to the EW standard, without additional cooling. Access to water hydrants is not needed.



Easy integration with your fire safety system

Made-to-measure solutions for your facilities that protect lives and property, compliant with all relevant standards.



Self-gravitating mechanism as power cut protection

In case of a power outage, fire curtains slide down on their own, due to attached weights on the bottom of the fabric (auto-closing ability C).



Longterm service and maintenance

We swear by individual and fair approach. Our fire curtains are adequately priced, so that the fees for service and maintenance are reasonable.



Developed and manufactured in the EU

We take care of installations all across Czechia and Slovakia. We never stop improving our products to guarantee the highest possible fire protection.



European CE certificate

FK ROLL EW fire curtains comply with strict standards and are tested according to EU directives EN 13241:2003+A2:2016 and EN 16034:2014, both a standard in Europe.

Curtains and Box Dimensions:

The fabric of FK ROLL EW curtains is fire resistant and does not require water spraying in case of fire. The box is slightly more spacious than the box with our FK ROLL EI curtains which are made of a more lightweight fabric.

Fire Resistance	Maximum Dimensions	Box Size
EW 15		
EW 30		
EW 45		
EW 60		
EW 90		
EW 120		

FK ROLL EW Technical Parameters

Fabric	weave of glass and anticorrosive fibres
Fabric Weight	1660 g / m ²
Fabric Colour	silver-grey
Power Source	230 V AC
Engine	24 V DC, 230 V AC
Maximal Width	8 m
Maximum Height	8 m
Guide Bar Dimensions	120 × 60 mm
Box Dimensions	from 200mm×200 mm to 300×300 mm
Colour of Visible Components	any hue from RAL colour chart

* Depending on fire resistance.

** Depending on overall dimensions.

Need more information?

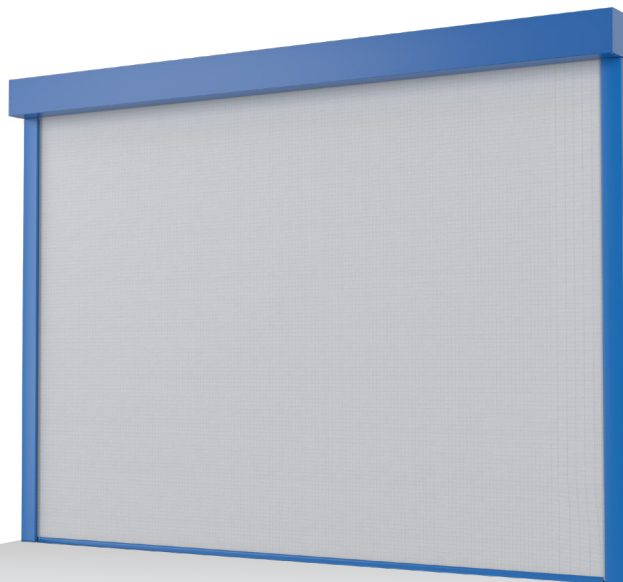
GET IN TOUCH

Contact our sales department via phone: **+420 312 672 903**

or via e-mail obchod@fkservis.cz.

FK ROLL EI

Fire curtains of EI class fire resistance prevent the spread of heat for 15-120 minutes. Compliant with stricter criteria than our FK ROLL EW fire curtains, therefore a better fit for protection of fire escape routes. All variants come with an integrated water spraying system, hidden out of sight and equipped with false alarm protection. Almost unnoticeable when inactive. Contrary to fire shutters, FK ROLL EI fire curtains are lighter, take up less space and blend seamlessly with their surroundings. Manufactured in Czechia using high-quality German components.



Why to Get FK ROLL EI



Built-in water sprays

FK ROLL EI prevent the spread of heat for 15-120 minutes without additional cooling. Access to water hydrants is not needed.



Easy integration with your fire safety system

Made-to-measure solutions are accustomed to fit any space, while adhering to all relevant safety and construction standards.



Power outage security

In case of a power cut, the curtain stays up and does not obstruct regular operations. Battery-run system ensures proper functioning in case of fire.



Longterm service and maintenance

We swear by a fair approach. Our fire curtains are adequately priced so that the fees for service and maintenance are reasonable.



Developed and manufactured in the EU

We never stop improving our products to ensure the highest possible fire protection. Our team of experienced technicians takes care of the installation.



Compliant to relevant safety standards and certifications

Požární uzávěry FK ROLL EI splnily přísné testy podle směrnice STN EN 1634-1+A1 2018 a díky tomu jsou použitelné po celé České republice i na Slovensku.

Curtains and Box Dimensions:

The fire resistant fabric of FK ROLL EI curtains is sprayed with water in case of fire. As a result of that, their fabric can be more lightweight compared to FK ROLL EW curtains, making their storage box much smaller and less noticeable.

Fire Resistance	Maximum Dimensions	Box Size
EI 15		
EI 30		
EI 45		
EI 60		
EI 90		
EI 120		

FK ROLL EI Technical Parameters

Fabric	weave of glass and anticorrosive fibres
Fabric Weight	1660 g / m ²
Fabric Colour	silver-grey
Power Source	230 V AC
Engine	24 V DC, 230 V AC
Maximal Width	8 m
Maximum Height	8 m
Guide Bar Dimensions	120-60 mm
Box Dimensions	from 200mm×200 mm to 300×300 mm
Colour of Visible Components	any hue from RAL colour chart

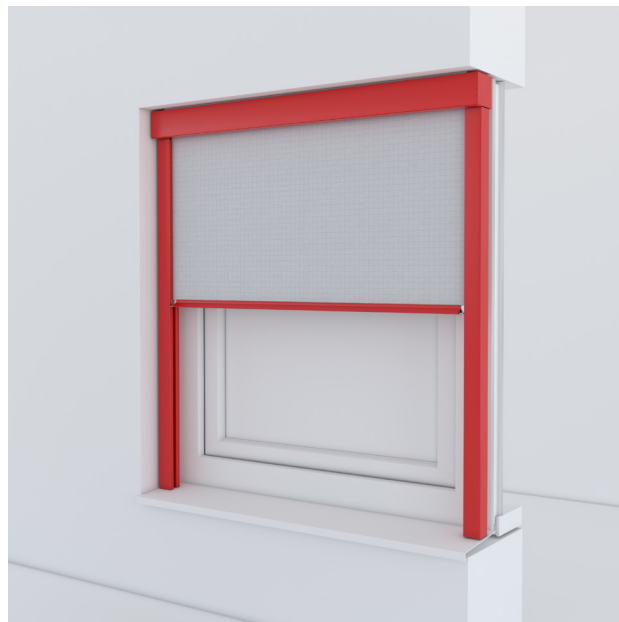
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FK ROLL MINI

An alternative to fire-rated windows – smaller and compact fire curtains, very affordable compared to FK ROLL EW and EI fire curtains. Class EW fire resistance guarantees limited spread of fire for 15-30 minutes. No electric motor, no control unit – in case of fire, their security band melts and the curtains slide down by their own weight, providing separation of fire compartments. Regular plastic windows with FK ROLL MINI fire curtains are as effective as costly fire-rated windows; their larger versions can even substitute fire-rated doors.



Why to Get FK ROLL MINI



Affordable alternative to fire-rated doors and windows

FK ROLL MINI fire curtains are less costly, take up less space, are lighter and easier to install. Reliable solution in cases where fire-rated windows or doors cannot be used..



No motor, no man power

The curtains are activated when their thermal security melts, which makes them slide down on their own. Require neither a motor nor a control unit, therefore their installation is quick and easy.



Made-to-measure solution for your facilities

Visible parts of the curtains can be manufactured in any colour of your choice so that they are in harmony with the façade and/or window frames.



Longterm service and maintenance

We take care of regular yearly service and maintenance, always checking proper functioning of the curtains and their reliability.



Developed and manufactured in the EU

We never stop improving our products to ensure the highest possible fire protection. Our team of experienced technicians takes care of the installation.



European CE certificate

Our textile fire curtains have been tested according to strict European standards and have the prestigious CE certificate.

Curtains and Box Dimensions:

Compact box and confined guide bars allow to hide the FK ROLL MINI curtains behind the window frame, so the view stays intact. Compatible with regular sized windows and doors.

Fire Resistance	Maximum Dimensions	Box Size
EI 15		
EI 30		
EI 45		
EI 60		
EI 90		
EI 120		

FK ROLL EI Technical Parameters

Fabric	weave from glass and anticorrosive fibres
Fabric Weight	740 g / m ²
Fabric Colour	silver-grey
Power Source	230 V AC
Engine	24 V DC, 230 V AC
Maximal Width	unlimited
Maximum Height	6 m
Guide Bar Dimensions	100-150×55 mm
Box Dimensions	from 200mm×200 mm to 250×450 mm
Colour of Visible Components	any hue from RAL colour chart

Need more information?

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REFERENCES



Mochovce Nuclear Power Plant

Mochovce, Slovakia (since 2016)

Two nuclear power plant units are protected by our smoke barriers and smoke and heat exhaust ventilation systems, manufactured in the above-standard dimensions. This solution was very challenging for us due to strict fire safety requirements.



Baumax department stores

Our fire curtains and smoke barriers protect Baumax department stores all across Czechia.



Škoda Auto

We also protect the Czech automotive industry. Our fire curtains are installed in the automobile manufacturer in Mladá Boleslav.





C-Energy Planá

Water mist fire extinguishers protect robust turbines that would get irreversibly destroyed by water during fire fighting.



Fondation Louis Vuitton

Paris, France (since 2011)

We designed a fire ventilation system for this atypical building, according to relevant French standards. Within two months, we helped the Paris team solve a problem that they had been stuck on for two years.



Václav Havel Airport

We developed unique aluminium façade windows for Terminal 2 at Václav Havel Airport in Prague, designed for smoke and heat extraction. Moreover, the airport is equipped with our fire curtains.



Lidl Logistics Centre

Our electrically operated louvre windows keep the freezers' temperature low and they extract smoke in case of a fire.



WHEN DO WE START?

Get in touch with our sales department – we will ask you a few questions to learn more about your situation and find ways of helping you.

For smaller-scale collaborations, we send a price quote right away. For larger projects, we prefer to meet and review your plans or completed construction first. After that, we make you a tailor-made project quote and suggest our work schedule – so everyone knows who is doing what, how, when and for how much.

We provide solutions for property owners and managers, business managers, developers, designers and architects. We focus on the part of the project you require and walk you through the whole process.

We look forward to working with you.



obchod@fksservis.cz



+420 312 672 903

Find out what you need → **Make an offer** → **Implement** → **Provide a long-term service**

FIRE SAFETY OF BUILDINGS. FROM DESIGN TO IMPLEMENTATION



Textile fire curtains



Controlled Natural Ventilation (CNV)



Textile smoke barriers



Water mist extinguishing systems



Fire stoppings



Hydrants



Smoke and Heat Exhaust
Ventilation (SHEV)



Fire extinguishers

Sales department

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