



Fire rated storage containers, FBM plus range

DENIOS fire-rated Storage Containers are manufactured as a sturdy steel construction with self-supporting inner and outer frames. Even the BASIC versions are suitable for all possible options, so that individual equipment can be effectively integrated. Select from door options and positions, lighting, heating, technical ventilation and much more. Your fire-rated Storage Container can be operated straight after delivery, as it's supplied ready to use.

DENIOS fire-rated Storage Containers have been meeting the most varied range of requirements for customers across Europe for over 30 years - always safe and reliable, with the tested quality of the market leader.

## Overview of advantages

- Tested and approved as a complete system with fire protection from inside and outside
- Fire protection from 30 up to 120 minutes
- Separately tested and approved door hold-open device
- Suitable for active and passive storage
- Install directly next to the external wall of neighbouring buildings or as a fire-rated separate area, e.g. in a production hall

## Fire-rated storage container overview

BMC range

Choose from 12 models with capacity to store up to

- 64 x 205 litre drums
- 24 Euro or 16 chemical pallets
- 16 x 1000 litre IBCs

with a containment volume of 200 to 2600 litres  
 Not much space? Model range BMC-S, is a space saving compact variant for the storage of individual drums, IBCs and small containers and offers the ideal solution for storing flammable liquids, even near the workplace.

**i** DENIOS Storage Systems are delivered fully assembled and ready to use. Just ask if you would also like the DENIOS assembly team to unload and professionally install your product for you. In addition, your employees will be trained on all the safety aspects of your Storage Container and its operation. Please ask for details of our cost-effective packages and what they cover.





Fire rated Storage Container FBM base for direct installation on concrete pad

### Your special requirements will be met

DENIOS fire rated Storage Containers offer a massive amount split of choice. However if the comprehensive standard range does not have the right solution for your needs, then you can find what you can choose for a custom build. The custom store can be built according to storage capacity, containment volume, equipment for active storage, and temperature control requirements and much more..

DENIOS fire-rated cabinets and Storage Containers are suitable for hazardous substances in the following classes:



Walk-in fire-rated System Containers are also available. Details can be found at

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## EN 1090

European standard EN 1090 replaces the previous UK welding standard BS 5950 and other standards and has been mandatory since 01.07.2014.

EN 1090 tests additional safety-relevant points:

- Structural assembly and proof of stability
- Welded and screwed joints
- Optimum corrosion protection

This is documented in a declaration of performance and by CE marking. For you as the customer, this means: only a supplier with certification is permitted to design, manufacture and test buildings - in this case HazMat storage systems with DIBt approval. DENIOS meets all the requirements.

With DENIOS products, you'll ensure maximum safety.

**For more information and advice ...**



... call  
**0808 178 07 23**



### FBM fire rated Storage Container with wing doors

- 90 minute fire resistance (REI90) for internal and external fires
- No safety distance to nearby buildings is needed
- Max. Storage capacity: up to 64 drums or 16 IBCs additional sizes on request

**i** Selected models are available from stock, others can be delivered within approx. 6 weeks.



**On request**

Fire rated Storage Container FBM base 314.30, With 2-wing fire-rated door



The dimensions are optimised for storing drums, pallets and IBCs. Standard colours available: grey-white (RAL 9002) and gentian blue (RAL 5010).

**On request**

Fire-rated Storage Container RFP base 315.20, with 2-wing fire-rated door and optional climate control.



Model	FBM base 314.20	FBM base 314.30
Number of storage levels	1	2
External dimensions W x D x H [mm]*	3500 x 1802 x 2533	3500 x 1802 x 3533
Bay dimensions W x D x H [mm]	2916 x 1340 x 1958	2700 x 1340 x 1400
Sump capacity [l]	1560	
Load capacity [kg/m²]	1250	1250
Storage capacity IBC / CP / EP / drum	2 / 2 / 3 / 8	4 / 4 / 6 / 16
Order number	224-765-J9	224-767-J9

\*Transport dimensions differ from the dimensions of the body.





The FBM fire-rated storage container has a robust steel construction and is fitted with a spill pallet as standard in accordance with the water protection laws, including grids and self-closing EI 90 doors with anti-panic lock.

With the fire-rated storage containers in the FBM range, you get a high-quality solution for the legally compliant storage of flammable liquids.

The FBM plus spill pallet consists of a double walled spill pallet which is thermally separated, allowing the container to be effectively protected from fire from below. 6 sided fire protection is therefore guaranteed, despite the ground clearance.



**On request**

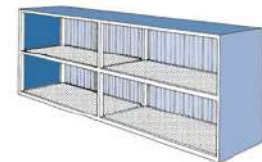
**Fire rated Storage Container FBM base 614.30**  
 For direct installation on concrete pad

**ACCESSORIES**

**Optimise your storage container for your storage needs with an extensive range of accessories. Options include:**

- Technical ventilation
- Heater
- Cooling
- PE inlay spill pallets for aggressive media
- Fire extinguishing equipment
- Climate control equipment

**i** All fire rated storage containers are available in double-depth versions for loading from both long sides, thus doubling the maximum storage capacity.



Model	FBM base 614.20	FBM base 614.30
Number of storage levels	1	2
External dimensions W x D x H [mm]*	6682 x 1802 x 2628	6682 x 1802 x 3628
Bay dimensions W x D x H [mm]	2916 x 1340 x 1958	2700 x 1340 x 1400
Sump capacity [l]	3000	
Load capacity [kg/m²]	1250	1250
Storage capacity IBC / CP / EP / drum	4 / 4 / 6 / 16	8 / 8 / 12 / 32
Order number	224-768-J9	224-770-J9

\*Transport dimensions differ from the dimensions of the body.

Choose your fire-rated Storage Container:

- the FBM base design sits flush on the floor
- the FBM plus version has 120 mm ground clearance for access underneath.

This means the Storage Container can easily be accessed and loaded using a high lift truck for example

- 90 minute fire resistance (REI90) for internal and external fires
- No safety distance to nearby buildings is needed
- Max. Storage capacity: up to 64 drums or 16 IBCs additional sizes on request



Optimise your storage container for your storage needs with an extensive range of accessories. Options include:

- Technical ventilation
- Heater
- Cooling
- PE inlay spill pallets for aggressive media
- Fire extinguishing equipment
- Climate control equipment



Fire rated Storage Container FBM base 614.30 OST with sliding door.

**On request**

**i** The dimensions are optimised for storing drums, pallets and IBCs. Standard colours available include light grey (RAL 7035), grey-white (RAL 9002) and pure white (RAL 9010). Alternative dimensions are available on request.



Model	FBM base 614.20 OST	FBM base 714.20 OST	FBM base 614.30 OST	FBM base 714.30 OST
Number of storage levels	1		2	
Body dimensions W x D x H [mm]*	6574 x 1969 x 2615	7934 x 1969 x 2615	6574 x 1969 x 3615	7934 x 1969 x 3615
Bay dimensions W x D x H [mm]	2890 x 1340 x 1950	3570 x 1340 x 1950	2700 x 1340 x 1400	3380 x 1340 x 1400
Sump capacity [l]	2900	3500	2900	3500
Load capacity [kg/m <sup>2</sup> ]	1250			
Storage capacity IBC / CP / EP / drum	4 / 4 / 6 / 16		8 / 8 / 12 / 32	12 / 12 / 16 / 40
Order number with mechanical sliding doors	216-843-J9	216-847-J9	216-846-J9	216-848-J9
Order number with electrically operated sliding doors	216-849-J9	216-852-J9	216-851-J9	216-853-J9

\*Transport dimensions differ from the dimensions of the body.





**Important information**

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The practical remote control allows the electric sliding doors to be easily operated from the forklift, saving time



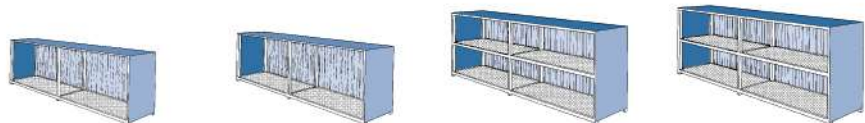
- An open sliding door gives easier access to the fire-rated storage container than a wing door and improves logistical efficiency
- If a fire alarm sounds, the lockable, tested fire-rated doors will close automatically
- 90/120 minute fire resistance for internal and external fires



Fire-rated Storage Container FBM plus 614.30 OST with sliding doors.

**i** All fire-rated storage containers are available in double-depth versions for loading from both long sides, thus doubling the maximum storage capacity.

**On request**



Model	FBM plus 614.20 OST	FBM plus 714.20 OST	FBM plus 614.30 OST	FBM plus 714.30 OST
Number of storage levels	1		2	
Body dimensions W x D x H [mm]*	6574 x 1969 x 2800	7934 x 1969 x 2800	6574 x 1969 x 3790	7934 x 1969 x 3790
Bay dimensions W x D x H [mm]	2890 x 1340 x 1950	3570 x 1340 x 1950	2700 x 1340 x 1400	3380 x 1340 x 1400
Sump capacity [l]	2850	3500	2850	3500
Load capacity [kg/m <sup>2</sup> ]	1250			
Storage capacity IBC / CP / EP / drum	4 / 4 / 6 / 16		8 / 8 / 12 / 32	
Order number Type FBM	216-854-J9	216-857-J9	216-856-J9	216-858-J9
Order number With electrically operated sliding doors	216-859-J9	216-862-J9	216-861-J9	216-863-J9

\*Transport dimensions differ from the dimensions of the body.