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PRODUCT DATA SHEET Hiltru®: Bigsaver F60 model BS-MB 1-220



Size Bigsaver F60 model BS-MB 1-220

Article number	210170220
Fire resistance	F60 according to NEN6069 (Efectis report)
Dimensions uitw. WxDxH	2090 x 1830 x 2260 mm
Dimensions int. WxDxH	1810 x 1470 x 1925 mm
Storage capacity	1x chemical or 1x euro pallet
Load capacity of slatted floor	1250 kg/m ²
Collection box	Steel lacquered with galvanized gratings
Contents collection box	220 litres
Weight	930 kg
Door	Lockable, B=1800 mm

Specifications Bigsaver F60 model BS-MB 1-220

Hiltru® Bigsaver® (pallets/IBCs) BS-MB Series

Version 1.5 | 13-06-2024

Design/fire resistance:

- The composite structure was assessed by the accredited testing institute Efectis®.
- Efectis brandwerendheidsrapport: 94-CVB-R1178/2009-Efectis-R0834(Rev.1)/2010-Efectis-R1117-S.
- Designed as an independent fire compartment for the storage of packaged hazardous materials based on the Building Code and the directive PGS 15: 2016 version 1.0.
- Fire resistance (WBDBO) 60 minutes determined in case of fire from outside and fire from inside on all criteria of PGS 15:2016 version 1.0, regulation 3.2.9.

Housing (walls, roof and door):

- Casing made of galvanized sheet piling.
- Interior made of non-combustible and insulating material up to a height of 1100 mm finished with galvanized plate.

- The roof is equipped on both long sides with an integrated rain gutter.
- Standard equipped with lifting device suitable for empty transport of the unit
- Standard equipped with ground connection point.

Double door in accordance with EN 1634-1:2008 (EI160):

- Front full-width and full-height double-leaf door with fire self-closing
- Right door wing equipped with latch, panic bar, cylinder lock and door closer including automatic Thermolock fire closing mechanism.
- Left-hand door wing on the inside fitted with espagnolette lock and door closer including automatic Thermolock fire closing mechanism.
- Door rebates equipped with fire sealing strips so that they are automatically closed in case of fire.
- Door can be locked at an opening angle of approx. 90°, in case of fire the Thermolock breaks the locking
- lock and will automatically close the door in the latch.

Leak tray:

- Completely liquid-tight welded drip tray made of steel plate executed with galvanized grate floor segments.
- Preservation: drip tray SA2.5 blasted and preserved with a 100 µm Acraton zinc phosphate epoxy coating in color RAL 7005/mouse gray.

Vents:

- Ventilation and venting by diametrically placed ventilation openings inside and outside finished with galvanized vane grilles.
- Standardly equipped with flame retardant mesh and fire resistant louvers, so that in case of fire they are automatically closed.

Hazard designation:

- Danger designation by pictograms according to PGS 15, Ø and/or ? 200 mm, symbol: "flammable (liquid) substances" and "fire, naked flame and smoking prohibited" (other pictograms available on request).

Constructive options:

- Option A1: exterior, with the exception of the top of the roof, coated with a 2K polyurethane coating in standard color: RAL 3020/ traffic red, RAL 5010/ gentian blue, RAL 6002/ hard green, RAL 7035/ light gray or RAL 9001/ cream white.
- Option A2: outside, except top of roof, finished with a 2K polyurethane coating in non-standard RAL color
- (except traffic, luminous and metallic colors)
- Option F: flange ØxH=80x40 mm mounted in roof or side wall for connecting a ventilation duct to the outside air.
- Option G: drip tray on the inside additionally provided with a reinforced, fiberglass-reinforced polyester lining as protection of the drip tray(s) against the action of chemicals. Resistance list on request.
- Option S: inside of the walls, roof and door completely finished with galvanized plate.

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Casing (walls, roof and door):

- Casing made of galvanized sheet piling.
- Interior made of non-combustible and insulating material finished with galvanized sheet.
- The roof on both long sides has an integrated rain gutter.