

Created on: 30-04-2024 13:22:58 |
Technical changes and imperfections
reserved.

PRODUCT DATA SHEET Hiltru®: Rental F60 container model BS 3002 (pallets-IBCs)



Size Rental F60 container model BS 3002 (pallets-IBCs)

Article number	311311311
Fire resistance	F60 in accordance with NEN6069 (Efectis report).
Storage capacity	8x chemical pallet, 8x IBC or 12x euro pallet
Dimensions uitw. LxWxH	6010 x 1845 x 2795 mm
Usable width of compartments BxDxH	4x 2730 x 1390 x 1220 mm
Daylight size double door WxH	(2x) 2500 x 2520 mm
Drip tray height	180 mm
Contents collection box	1100 litres
Load capacity of slatted floor	2500 kg/m ²
Point load grid floor (20x20 cm)	340 kg
Weight	approx. 3260 kg

Specifications Rental F60 container model BS 3002 (pallets-IBCs)

[Chemotainer™ model CT8/2200 L: \(The specifications of the \(fire resistant\) Bigsavers® are mentioned further on\)](#)

Version 1.5 | 7-12-2018

Basis of calculation:

- Structural strength calculation (for the chosen use) according to the Building Code and certain European and Dutch standards for steel structures (available on request) and when anchored to a level flat and levelled concrete floor.

Version:

- Suitable for two-layer storage of (palletised) packaged hazardous substances.
- Fixed welded-in storage layers (the standard useful height distribution per layer can be changed on request)
- Load capacity of the slatted floor per storage layer up to 1,250 kg/m² with evenly distributed

load.

- Point load of the grid floor up to 250 kg measured on a surface of 200x200 mm.

Main load-bearing structure:

- Welded, steel main support structure manufactured in plain steel SA2.5 blasted and preserved with a 100 µm Acraton zinc phosphate epoxy coating in RAL 7005/grey.

Enclosure:

- Roof, walls and sliding door leaves manufactured from ALUzink AZ185 sheet piling.
- Outer colour: (aluminium) grey.
- Finishing profiles of sendzimir galvanised steel.

Sliding door(s):

- Sliding doors are guided over the entire width at the bottom over a bottom guide profile.
- Swing door(s):
- ChemotainerTM model CT6 carried out with two-part, manually operated wing door lockable with espagnolette lock fitted with handle with built-in lock incl. 2 keys.

Drip trays:

- First storage layer provided with removable, liquid-tight welded drip trays made of blank steel sheet.
- Drip tray degreased and coated with approx. 80 µm zinc phosphate epoxy coating in RAL 7040/window grey.
- The inside of the drip tray is provided with a glass-fibre reinforced polyester coating (option G) to protect it against chemical attack. Resistance list on request.

Grid floors (on drip tray and second layer):

- Drip tray(s) and 2nd storage layer fitted with removable, galvanised grid floor segments, type R2.40/30x60 mm.
- Load capacity 1,250 kg/m² with evenly distributed load, point load 250 kg on a surface of 200x200 mm.

Ventilation openings:

- Natural ventilation and de-aeration through diametrical ventilation slots (high/low).
- Earthing, anchoring:
- Standard equipped with base plates for anchoring to the foundation (not including anchors).
- Grounding option via footplate and foundation anchor.

Lifting facility:

- Standard equipped with four lifting eyes on the roof surface for the sole purpose of craning the unit empty.
- Hazard identification:
- Hazard indication by pictograms Ø or ? 200 mm, symbol: "smoking and naked flame prohibited" and "flammable substances" (other pictograms available on request).

[HILTRA® BIGSAVER® MODEL BS-MB2, BS3000 and BS3002](#)

Design/fire resistance:

- The composite structure has been 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 substances based on the Buildings Decree and the guideline PGS 15: 2016 version 1.0.
- Fire resistance (WBDBO) 60 minutes determined in case of a fire from outside and a fire from inside on all criteria of PGS 15:2016 version 1.0, regulation 3.2.9.

Housing (walls, roof and door):

- Enclosure made of galvanised sheet piling.
- Inside made of non-flammable and insulating material finished with galvanised sheet.
- The roof is fitted with an integrated rain gutter on both long sides.
- Standard equipped with lifting device suitable for empty transport of the unit.
- Standard equipped with an earth connection.
- Standard with a free-standing pallet jack with a load capacity of 1000 kg/m2 evenly loaded. Pallet jack equipped with galvanised grid floor segments (option J).
- Double door according to EN 1634-1:2008 (EI160):
- Front side over total width and height with self-closing double-leaf door in case of fire.
- Right hand door provided with handle, panic bar, cylinder lock and door closer including automatic Thermolock fire door closing mechanism.
- Left hand door leaf on the inside fitted with espagnolette lock and door closer including automatic Thermolock fire door closing mechanism.
- Door rebate areas are provided with foam sealing strips so that they automatically close in case of fire.
- Door can be locked in an opening angle of approx. 90°, in case of fire the Thermolock breaks the lock and the door will close automatically in the latch.

Drip tray:

- Completely liquid-tight welded drip tray made of steel plate with galvanised grid floor segments.
- Exterior protection: Drip tray SA2.5 shot blasted and protected with a 100 µm Acraton zinc phosphate epoxy coating in colour RAL 7005/mouse grey. (Option B)
- Interior preservation: Spillage tray SA2,5 blast cleaned and coated on the inside with a reinforced glass-fibre polyester coating to protect the drip tray(s) against the effects of chemicals. Resistance list on request. (Option G).

Ventilation openings:

- Ventilation is provided by diametrically opposed ventilation openings inside and outside, finished with galvanised blade grilles.
- Standard equipped with flame retardant mesh and fire resistant louvres, so that they are automatically closed in case of fire.
- Flange ØxH=80x40 mm mounted in the roof to connect a ventilation duct to the outside air. (Option J)

Hazard identification:

- Hazard identification by means of pictograms in accordance with PGS 15, Ø and/or ? 200 mm, symbol: "flammable (liquid) substances" and "fire, naked flame and smoking prohibited" (other pictograms available on request).

Optionally for rent:

- Atex lighting.
- Atex heating/thermostat.
- Atex ventilation incl. motor protection switch

Optional

Option description	Option article number
Atex lighting	
Atex heating	
Atex ventilation (incl. motor protection switch)	