



# Silo Container BSI

Reusable stainless steel container solutions  
for bulk materials

# Silo Container BSI

## Design features

### Tank material

Stainless steel 1.4301 / 1.4404 / 1.4571

### Wall thicknesses

2.0 mm or 2.5 mm for the top, shell and hopper

### Manhole

DN 400 or DN 457 in the top,  
with screwed cover and eyebolts or tension ring

### Hopper

30°, 45° or 60° angled slopes (other angles possible),  
outlet diameter NW 150 or NW 250

### Seals

According to customer requirements and/or application

### Transport frame

Galvanised or stainless steel, sprayed on request (stackable, suitable  
for handling by crane and all other pallet lifting equipment)

### Equipment

- Aeration and de-aeration vents in the top
- Butterfly-valves, flat slide-valve
- Stacking frame, stackable at least 5 high



- Standard IBC
- Heated containers
- Process containers
- Special containers in stainless steel
- Container accessories/spare parts

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### Application

Chemicals/petrochemicals, food industry, construction industry,  
plant construction

### Approval

As a metal intermediate bulk container IBC, code 11A, for land and  
sea transport of hazardous liquid materials of packaging groups  
II and III, max. bulk density of the filling goods is 1.8 kg/l.  
The design fulfils the test requirements for IBCs for the transport  
of dangerous materials contained in the following international  
standards:

- European Agreement on the International Carriage of  
Dangerous Goods by Road (ADR)
- Regulations for the International Carriage of  
Dangerous Goods by Rail (RID)
- International Maritime Dangerous Goods Code (IMDG Code)
- United Nations Recommendations on the transport of  
dangerous goods (UN)

### Special designs:

- Model with vibrator to facilitate discharge
- Dosing system

### Dimensions

Basic size 1215 x 1015, height in mm  
for outlet diameter NW 250

| Type     | Volumes<br>(litres) | Height (mm) |      |      |
|----------|---------------------|-------------|------|------|
|          |                     | 30°         | 45°  | 60°  |
| BSI 550  | 550                 | 1200        | 1340 | 1580 |
| BSI 650  | 650                 | 1300        | 1440 | 1680 |
| BSI 800  | 800                 | 1450        | 1590 | 1830 |
| BSI 1000 | 1000                | 1650        | 1790 | 2030 |