

Equipment

For DIN EN 121295-1 load securing, four DRUMCLIP DC19B GREEN, three Cordstrap CC65 Composite Strapping (19mm; ¾") and three CB 6S Buckle (19mm; ¾") are required.

For ISTA 3E Pallet Stability, two DRUMCLIP DC19B GREEN, two Cordstrap CC65 Composite Strapping (19mm; ¾") and two CB 6S Buckle (19mm; ¾") are required.

The DRUMCLIP DC19B GREEN is an innovative tool that makes it **safer** and **easier** to secure 200-litre open head drums on a pallet and/or trailer, without the use of additional pallets or other equipment. The DC19B has been tested with a 0.8g brake delay in combination with straps (Cordstrap CC65 Composite Strapping + CB 6S Buckle). This solution is certified DIN EN 12195-1, ISTA 3 E Pallet Stability and EUMOS 40509 Transport Safe. This combination can be used for transport and pallet stabilisation of UN 200 litre open head drums on pallets.

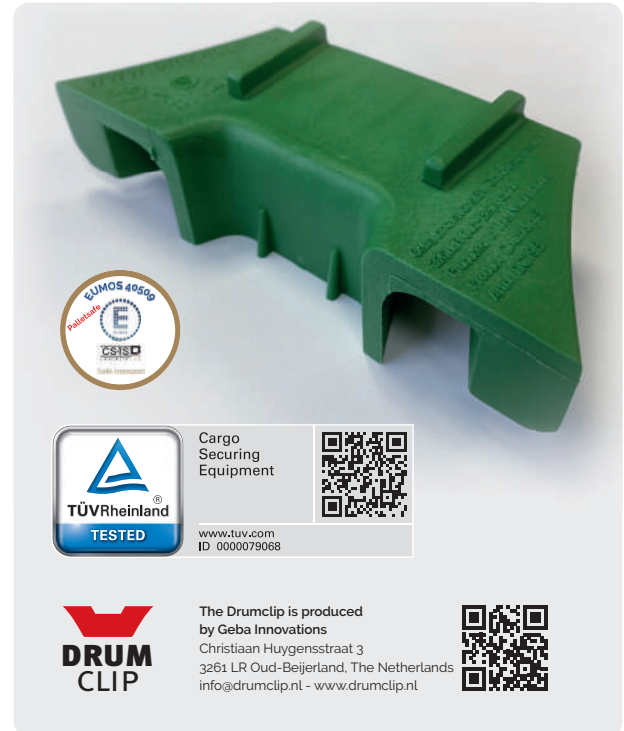
Important information

- Check the Drumclip before use. A damaged Drumclip may not be used again.
- Check the production date on the upperside of the Drumclip. The Drumclip must not be used for longer than 2 years after the production date.
- The Drumclip can be cleaned with water and soap.
- If the Drumclip has been in contact with chemicals, it may no longer be used.
- The Drumclip may only be used on trucks of 3.500 kg or more.
- Drumclips must be kept in dry, moderately heated conditions and protected from sunlight and mechanical damage.
- The Drumclip may not be dried or stored near fire or in places with elevated temperatures.

Step 1 (ISTA 3 E Pallet Stability and EUMOS 40509)

Place four 200-litre open head drums on a wooden pallet.

Place two Drumclips opposite each other on the outside of the drums with the wide side facing outwards. Each Drumclip is positioned between two drums. Use two Cordstrap CC 65 Composite Strapping and two CB 6S Buckles. One strap is stretched horizontally around



the drums. The other strap is stretched vertically across the Drumclips and under the pallet. The Buckle is used to connect the straps. Make sure that the position of the Buckle is not on the outside of the trailer or on top of the drums. For the correct positioning of the Buckle and the tension of the straps we recommend consulting Cordstrap's strapping instructions. Now the pallet is certified according to ISTA 3E Pallet Stability and EUMOS 40509. The above step should be carried out for each pallet with drums.



Step 2

Add two Drumclips crosswise of the ones placed in Step 1 and tighten the Cordstrap strap and buckle vertically over the Drumclips and under the pallet as described in Step 1.

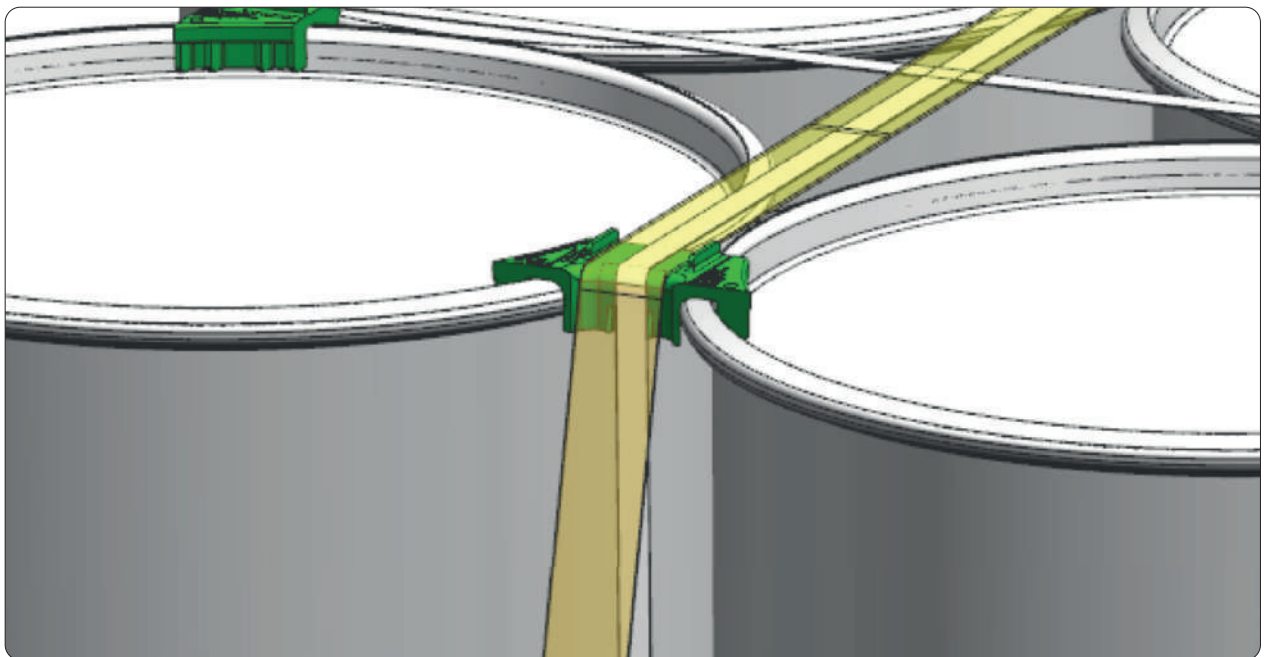
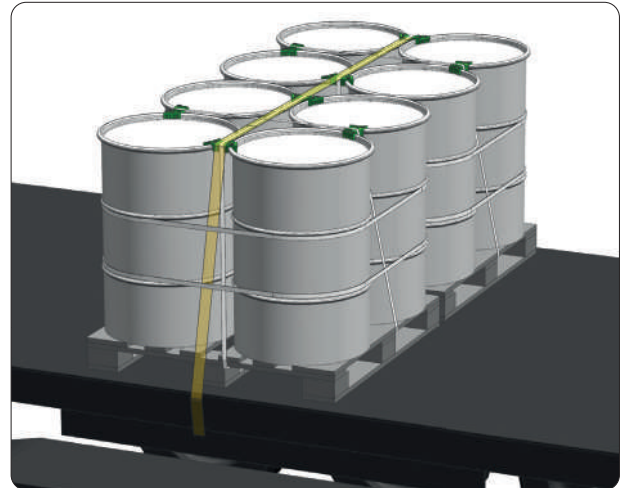
Step 3

Place the pallets with drums (with the forklift truck) in the trailer (in single or double rows). Place the pallets on anti-slip mats with a minimum friction of 0.6 Mu.

Step 4

Use a lashing strap with a minimum StF value 350 DaN for a double row of drums. In this way, drums can be secured as shown in the illustration. Please refer to the guidelines of the securing strap. Place the strap across the drums and the Drumclips, so that the strap is between the strap guides of the Drumclip. Make sure the strap is not twisted. The strap

should be placed on both sides of the vehicle under the horizontal strap that goes around the drums.



Step 5

Then attach the strap hooks to the anchor points on the vehicle. Use an ergo ratchet and a strap (50mm LC=2,500 daN) to secure the drum pallets to the vehicle.

Feed the strap into the ergo ratchet and hand-tension with a force of SHF daN (50 kilograms).

The strap should be at a 90-degree angle to the direction of travel and attached to the vehicle in line with the Drumclips. Now the pallet load is certified according to DIN EN 12195-1 load securing.