

LOAD SECURING

Borealis wants to ensure the mutual interest for safe and secure transportation of goods. BOREALIS has decided to fully follow the CEFIC “Transport Equipment for chemical packed cargo”, issue 2, November 2010 and adherent thereto to implement unified requirements regarding **load securing techniques** used for the transportation of palletized products.

Main focus areas of load securing techniques

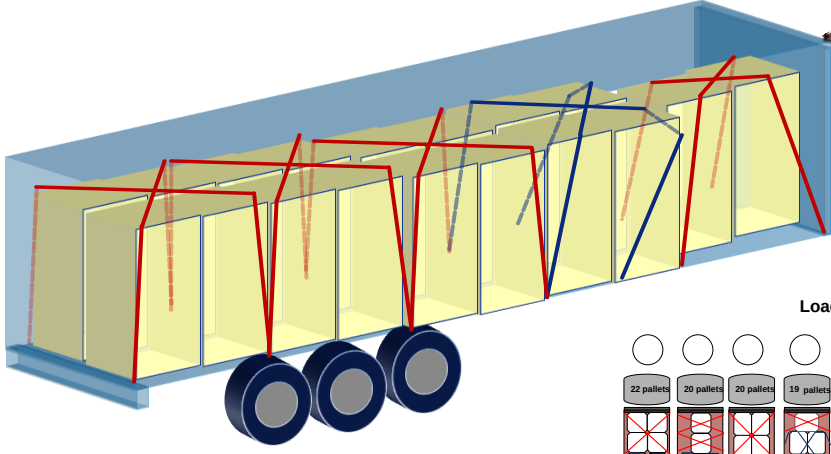
- Form locked placement of the load, especially against the headboard of the trailer for partial loads. It is essential that this precondition is maintained.
- Load securing to be checked post-loading, and if required adjust to assure it fulfils its purpose during transport (especially tension of lashing belts)
- Lash belt shall have a minimum strength of 2500 daN, visible on belt label and shall be in good condition.

Examples of belts which are not accepted



- All securing activities to be carried out in best safe practice
- Drivers should not leave the loading site without checking securing of the goods.
- Borealis will provide mobile stairs on the loading place to apply load securing in a safe way. Climbing on the load or usage of own stairs is strictly forbidden.
- To enter the trailer platform driver shall use his own ladder.
- The load securing has to be executed in line with the below mentioned load securing instruction/configurations

Concept for standard bag pallets, big bags



LC ≥ 2500daN

Loading configuration

22 pallets	20 pallets	20 pallets	19 pallets	18 pallets	17 pallets	16 pallets	15 pallets	14 pallets

"Instruction based on cargo securement verification protocol for non-rigid packages for chemical products and inclination tests of different stock keeping units. Protocol and test certificates are available on request."

" Diese Angaben sind entsprechend dem Untersuchungsprotokoll für Ladesicherung von nicht-starrten Verpackungsgebinden für chemische Produkte und durchgeführten Kippversuchen von verschiedenen Gebindeeinheiten. Untersuchungsprotokoll und Versuchszertifikate sind auf Anfrage verfügbar."

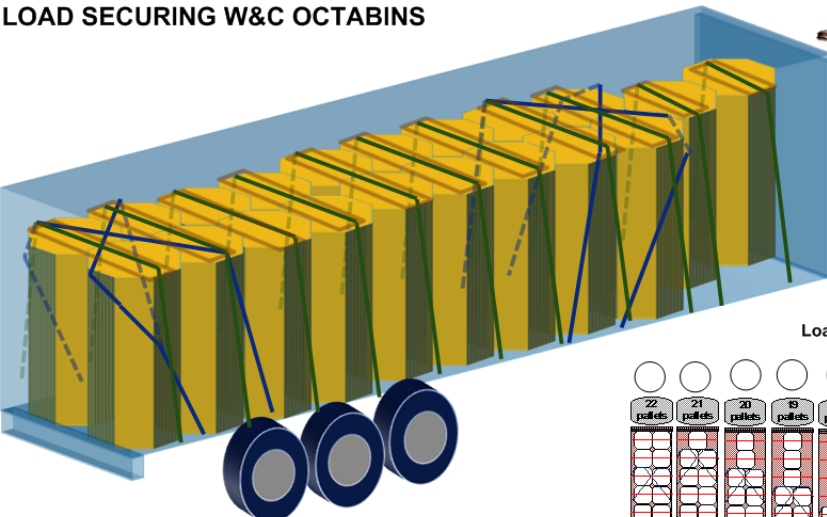
„Single pallets may be secured by TOP-over lashing in case of need if Top-cross lashing is not appropriate“

„Bei Bedarf können Einzelpaletten auch mit Top-over Gurtung gesichert werden, wenn eine Top-cross Gurtung nicht angebracht ist“

LOAD SECURING INSTRUCTION				Shipment nr. :	
 SHAPING the FUTURE with PLASTICS	Based on EN12195-1	Rev. Nr. sw3	Rev. date 26-4-2010	Signature truck driver	Date
					 acceptance and understanding instruction / /

Concept for octabins

LOAD SECURING W&C OCTABINS



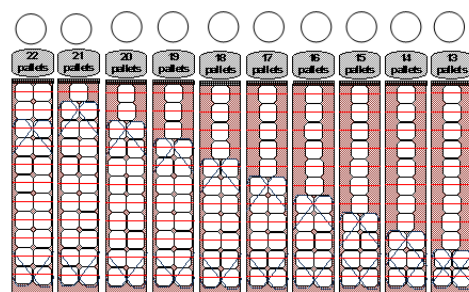


LC ≥ 2500daN

Instruction based on cargo securement verification protocol for non-rigid packages for chemical products and inclination tests of different stock keeping units. Protocol and test certificates are available on request.

* Diese Angaben sind entsprechend dem Untersuchungsprotokoll für Ladesicherung von nicht-starren Verpackungsgebünden für chemische Produkte und durchgeführten Kippversuchen von verschiedenen Gebindeeinheiten. Untersuchungsprotokoll und Versuchszertifikate sind auf Anfrage verfügbar.*

Loading configuration



LOAD SECURING INSTRUCTION				Shipment nr. :	
 SHAPING the FUTURE with PLASTICS	Based on EN12195-1	Rev. Nr. 0	Rev. date 24-09-2012	Signature truck driver acceptance and understanding instruction	Date / /

- The edge protection manipulation and securing has to be done by the truck driver.
- In case of the number of lashing belt sets being insufficient the driver has to organise them outside of the BOREALIS location
- Adjustments to the cargo securing instruction may be applicable depending on legal situations and further development of beneficial techniques for securing the load. The latest document updates regarding the Borealis Load Securing Concept are available at: <https://www.borealisgroup.com/?search-global-search&index-search=documents&id-search=75418>
- For box trailer combinations where lash belts can be applied the Borealis load securing instructions are applicable. Otherwise form locking of cargo is a minimum requirement. Tools to enable form locked shall be supplied by the logistics service provider.
- Please refer to above mentioned website for detailed description of the concept, (Verification Protocol), Certificates, Questions & Answers on the concept and load securing
- Load securing is also valid for/should also be implemented at the Borealis external loading locations
- In case additional information is required the loading location should be contacted upfront

The BOREALIS site specific form of implementation of these standards may be at some variance.