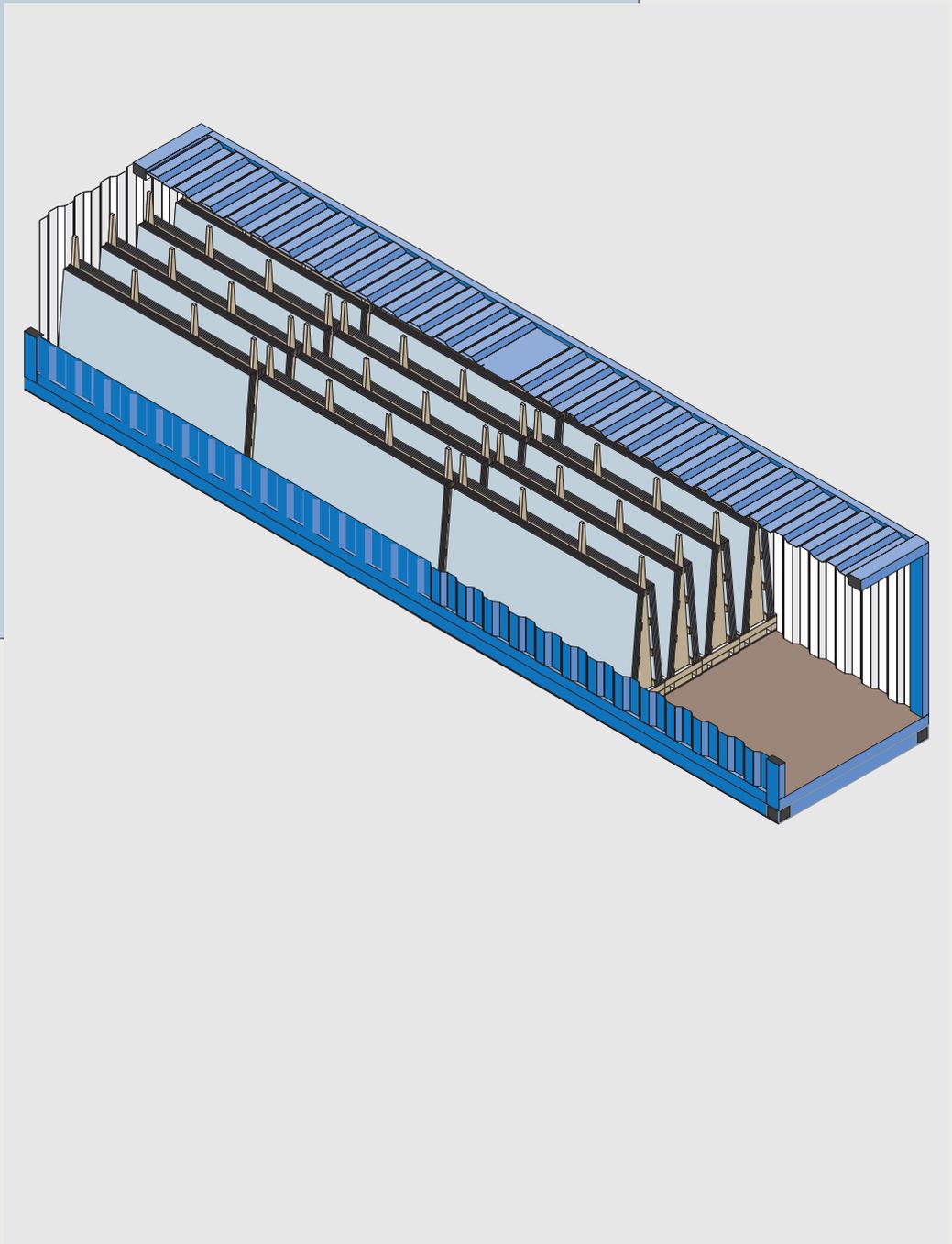


Dekton® Jumbo slabs Transportation & handling

LOGÍSTICA COSENTINO®
COSENTINO® DEKTON® JUMBO 20/12MM
TRANSPORTATION & HANDLING



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Health & safety

Risks associated with handling and transport

Operators and fitters dealing with Dekton®, Silestone®, Sensa and/or Scalea® materials, must comply with all applicable occupational health and safety laws and regulations.

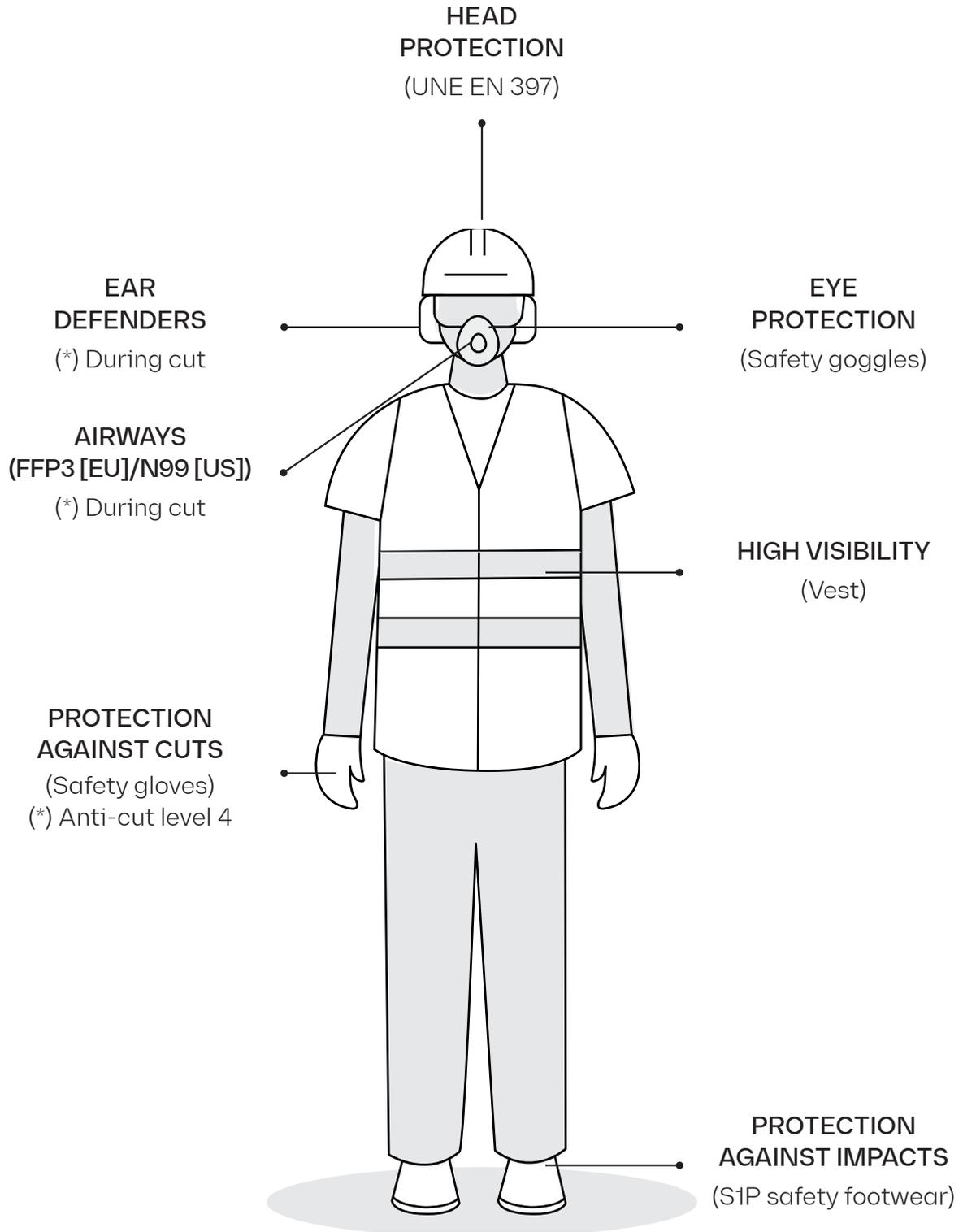
During transport and handling of Dekton®, Silestone®, Sensa and/or Scalea® materials, risks such as bumps, cuts, musculoskeletal disorders, entrapment or blast injuries can occur due to incorrect handling.

Always take the necessary occupational safety measures to meet the requirements of local regulations. This Sheet is not an exhaustive document or a substitute for the relevant laws and regulations, and is provided for information purposes only. Safety measures will depend on the specific conditions of each job.

Please also refer to product Safety Datasheets and Good Practice Guidelines which are available on the website osh.cosentino.com, or request such documents from the distributor or manufacturer.

Main risks and preventive measures in warehouses

- Do not throw the slabs.
- Do not knock the slabs.
- Remove broken slabs/parts.
- Wear safety goggles and cut resistant gloves (minimum cut resistance level 4 according to EN 388).
- **WARNING:** The material can be very sharp, especially the broken pieces.
- Waste material should be handled with care.
- Avoid banging the waste material to reduce its size, as a broken piece could break off.



1. Slab characteristics

A. Slab dimensions

Dekton® Jumbo:

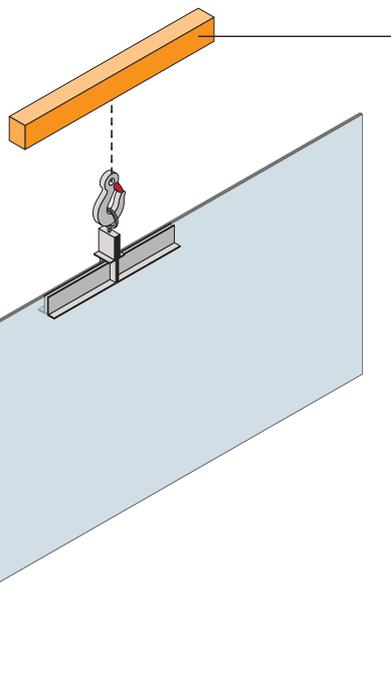
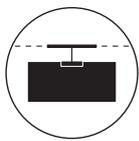


Jumbo Format

Dimensions: 3,300 x 1,600 mm [129" x 63"].
Limited availability. Consult portfolios.

B. Dekton® Jumbo slab handling

The manipulation of tables may take 1 slab or 2 slabs maximum.



Bridge crane bar/
Forklift truck - grapple adapter
Minimum length (bar): 1,800 mm [70"].



→ Bridge crane bar.



→ Forklift truck -
grapple adapter.

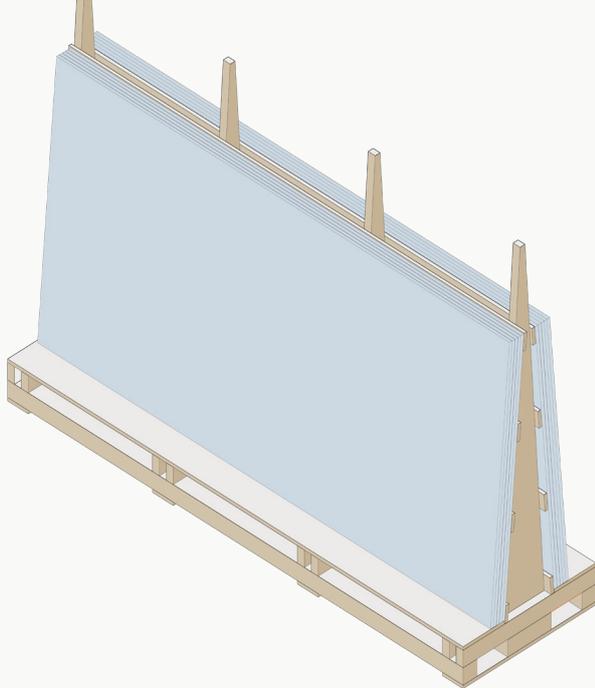
Dekton® Jumbo slab
Capacity*: 1 or 2 slabs, maximum.
Arrangement: Vertical.

→ (*) Handling one or two slabs will depend on the authorization provided by the clamp manufacturer.

2. Transportation from HQ to Center/Hub/Customer

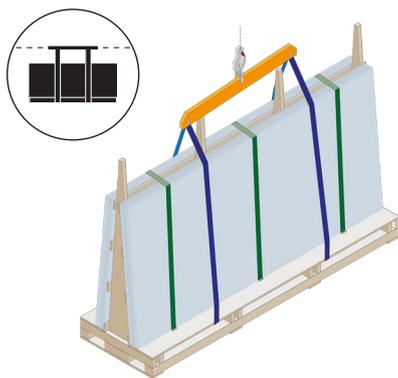
A. Wood A-Frame Model

Depending on the thickness requirements, the following configurations are available:

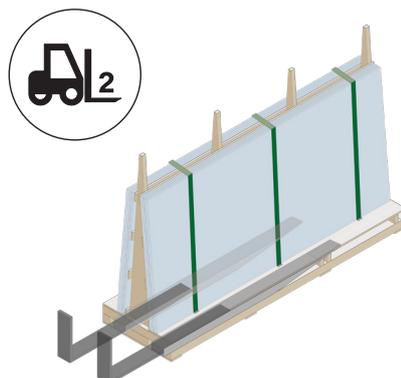


Load		Wooden A-Frame
Dekton®	12 mm	16
Jumbo	20 mm	10
Remarks		Non-returnable

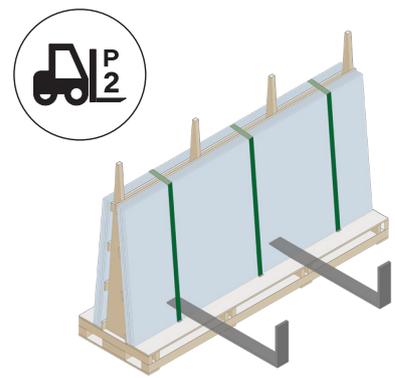
B. A-Frame handling



A. Load slings
When possible, the movement by means of load slings is advisable to facilitate the displacement of the A-Frame



B. Forklift truck (2 forks) | Short side
Movement of the A-Frame on the short side.
Minimum fork length: 2,500 mm [100"].
Minimum width: 800 mm [31 1/2"].
Mandatory use of sheaths for length extension



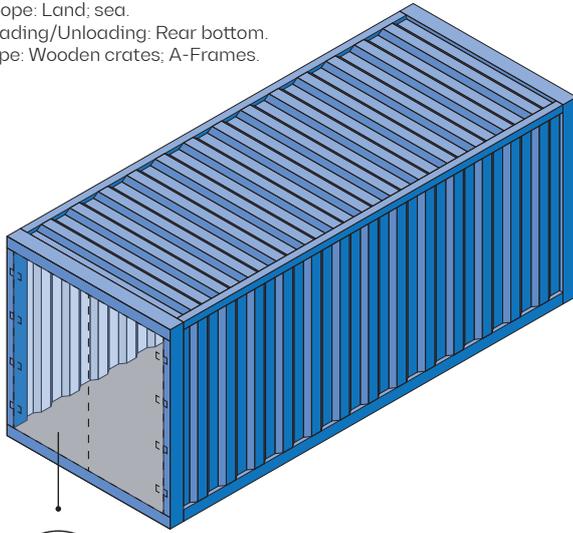
C. Forklift truck (2 forks) | Long side
Movement of the A-Frame on the long side.
Minimum fork length: 1,200 mm [48"].
Minimum width: 1,000 mm [39"].

C. Loading/Unloading according to the type of transport

Loading/Unloading, in HQ or warehouse, will depend on the type of transport selected. The most common schemes are:

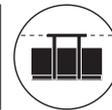
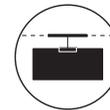
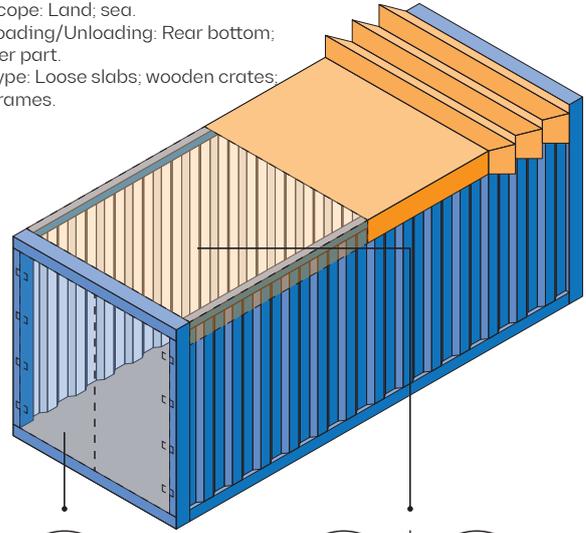
1. Container

- Scope: Land; sea.
- Loading/Unloading: Rear bottom.
- Type: Wooden crates; A-Frames.



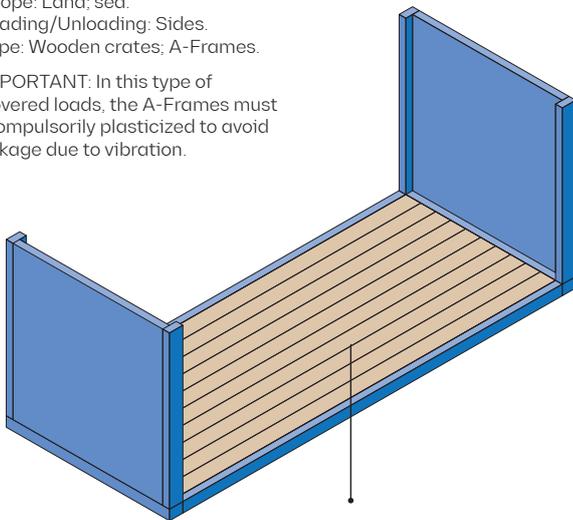
2. 'OPENTOP' container/truck

- Scope: Land; sea.
- Loading/Unloading: Rear bottom; upper part.
- Type: Loose slabs; wooden crates; A-Frames.



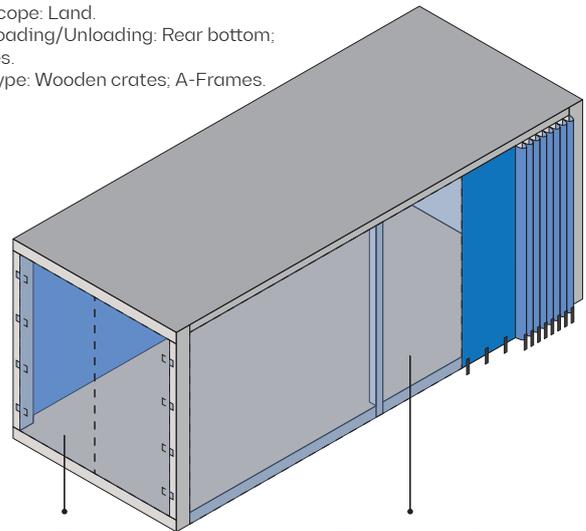
3. 'FLAT RACK' container

- Scope: Land; sea.
- Loading/Unloading: Sides.
- Type: Wooden crates; A-Frames.
- IMPORTANT: In this type of uncovered loads, the A-Frames must be compulsorily plasticized to avoid breakage due to vibration.



4. Articulated truck with side tarpaulins

- Scope: Land.
- Loading/Unloading: Rear bottom; sides.
- Type: Wooden crates; A-Frames.

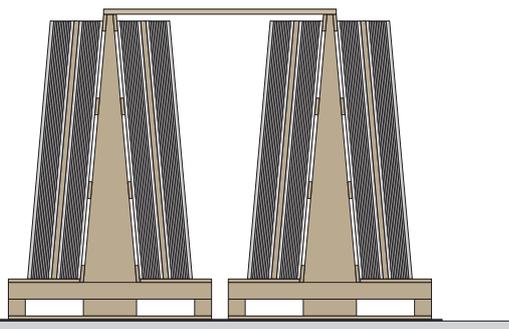
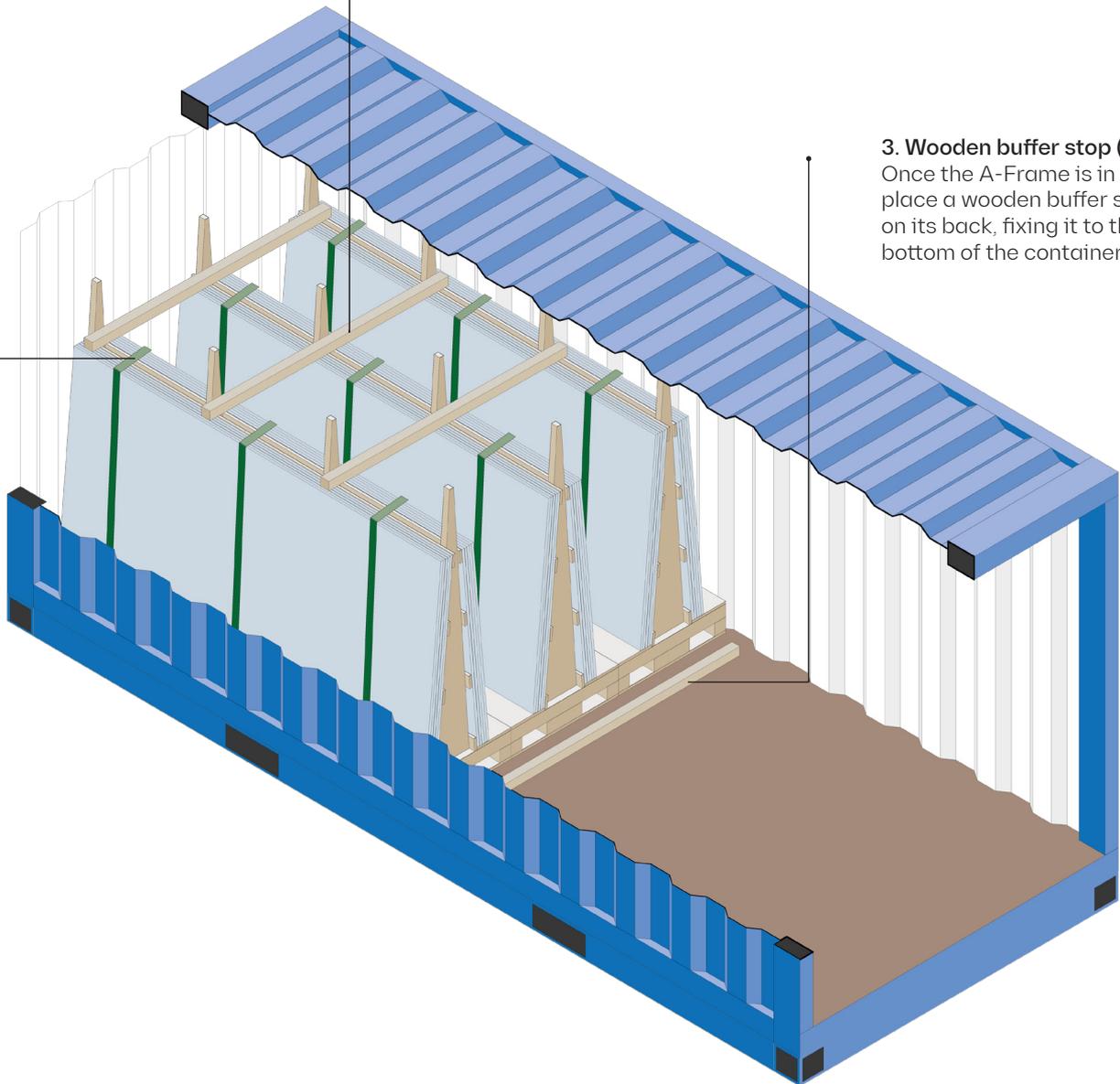


D. Securing of the A-Frame once loaded in the container/truck

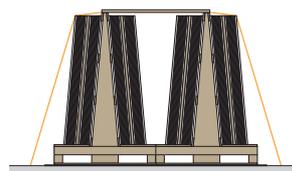
1. Straps to unify the material
Once the package is placed on the wooden trestle, the boards are strapped to the trestle. Check tension before shipping

2. Top wooden beams
Securing of cargo in closed containers requires the placement of a wooden beam at the top and stops at the bottom to prevent horizontal sliding.

3. Wooden buffer stop (rear)
Once the A-Frame is in position, place a wooden buffer stop on its back, fixing it to the bottom of the container.



→ Top wooden beams (front view)



→ Securing of loads on open platforms requires a wooden beam to be placed on top, the A-Frames to be in contact and the use of common securing straps.



For more information, details and examples on securing, please refer to the various Specification Sheets (Securing and Stowage, Material Handling Procedure, etc.) available.

E. Maximum capacity of the container depending on A-Frame type

a. 750 mm [29 1/2"] wide A-Frame.

Depending on the size of the container to be filled (20 ft or 40 ft), the loading configurations are:

No. of A-Frames per container

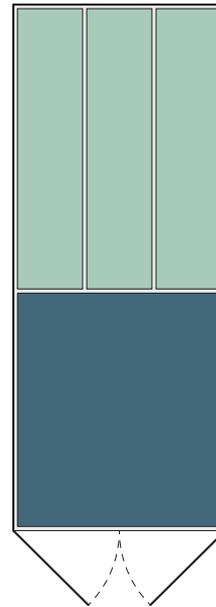
Type of container	750 mm [29 1/2"] wide A-Frames
20 ft	3
40 ft	9

Key

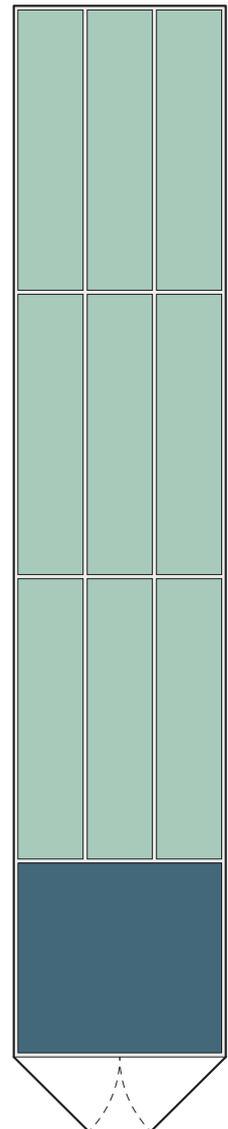
 Wood A-Frame | 750 mm [29 1/2"] wide

 Other/Cut-to-size items

1. 20 ft container and 750 mm [29 1/2"] wide A-Frame

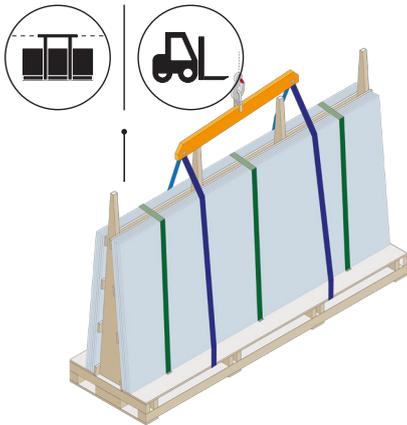


2. 40 ft container and 750 mm [29 1/2"] wide A-Frame



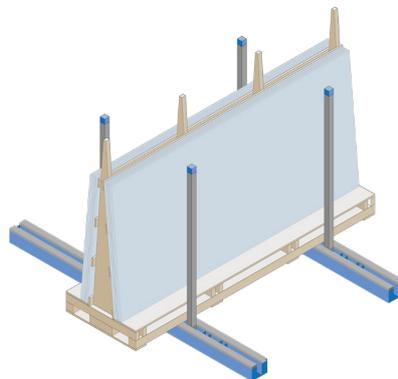
3. Storage & handling of slabs

Once in the Center/Customer, the following steps will be followed for the storage and handling of the slabs:



1. A-Frame storage

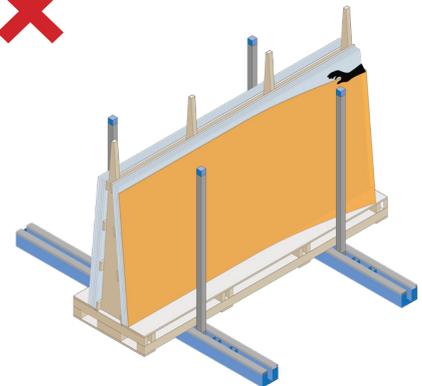
Once arrived at destination, the A-Frame is unloaded by means of a load sling or forklift truck and then placed in its final storage location.



2. Placement of safety bars

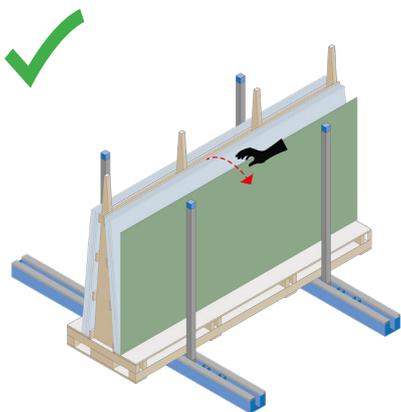
Prior to any type of manipulation of the slabs, the corresponding safety bars must be placed.

IMPORTANT The Wooden A-Frames do not have anchorages to attach safety bars. Therefore, prior to handling the slabs, these A-Frames must be placed on racks with safety bars.



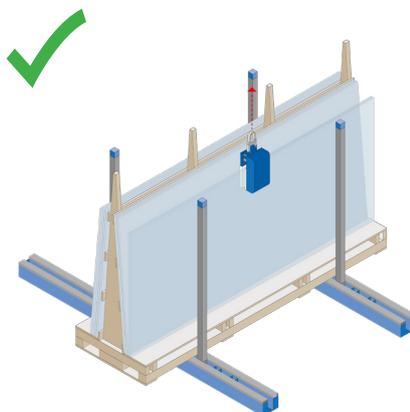
3a. Manual handling - Slab corners TOTALLY PROHIBITED.

This type of manipulation will cause, with total certainty, the breakage of the Dekton® jumbo slab. Also, It is one of the major causes of entrapment accidents.



3b. Manual handling - Center of the slab

To put the slab in position to hold with the glass clamp, two hands must carefully be used in the middle of the slab.



4a. Handling with glass clamp or cocodrile clamp

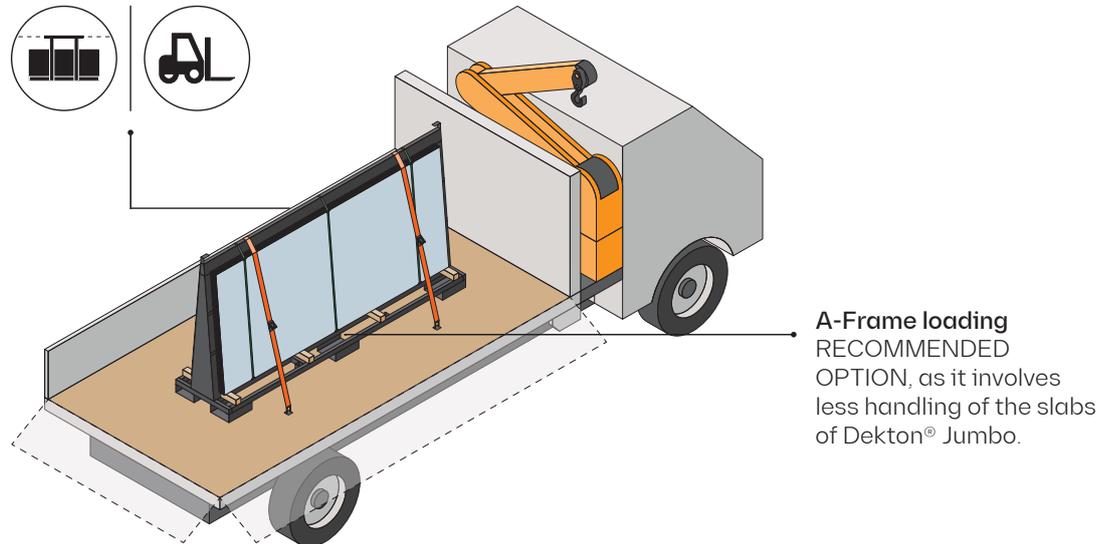
The displacement of one or two slabs must be done vertically, preferably by means of the glass clamp.

4. Transportation from Center/Hub to Customer

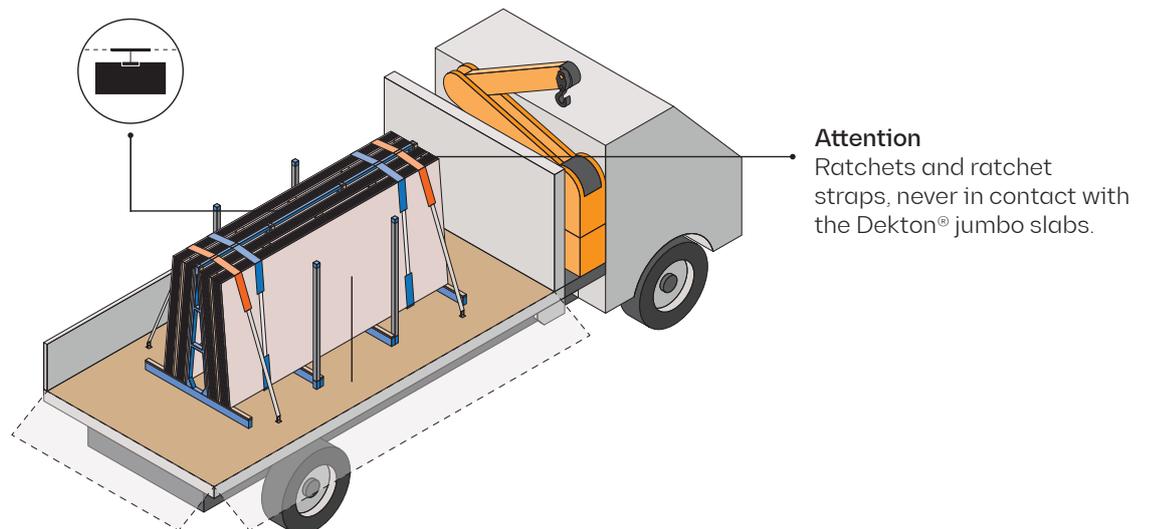
A. Types of delivery to customer

The recommended delivery option would be by sending the original A-Frame to the customer, as excessive handling of slab should be avoided. However, it may be the case that a A-Frame is fixed to the delivery truck and has to be loaded slab by slab.

1. Delivery of the original A-Frame



2. Delivery slab by slab (loaded on an A-Frame fixed to the truck)



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