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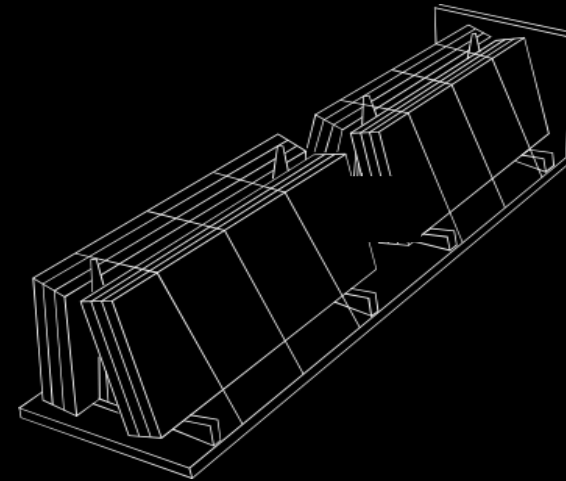
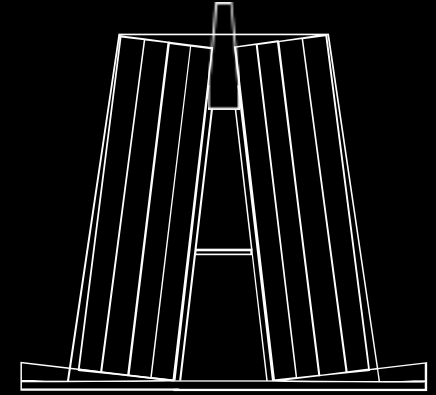



Simpolo[®]
ceramics

HANDLING SLAB

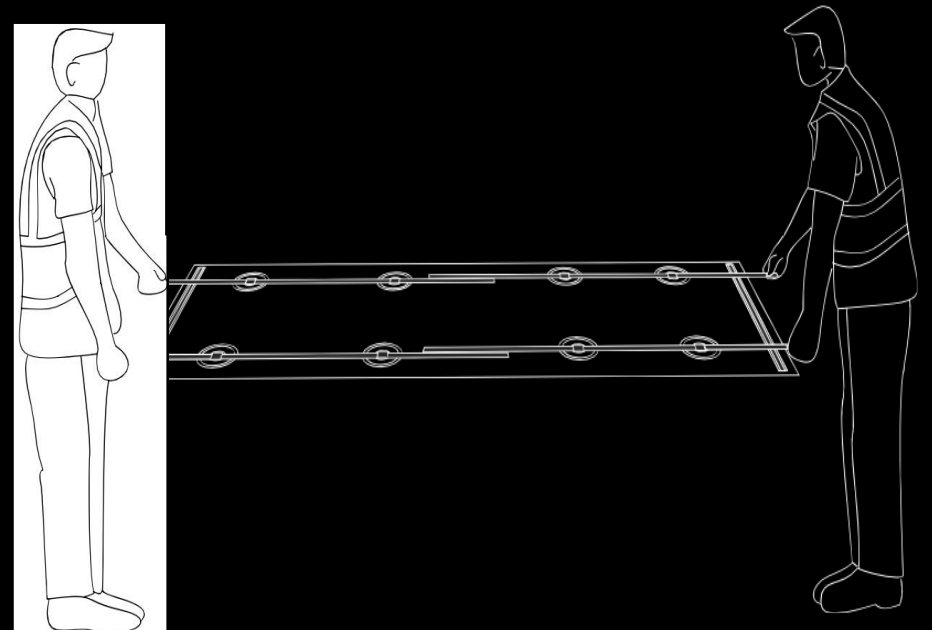
Transportation & Handling

- Following Is a common slab storage situation; It highlights problems that can result from Improper securing. Toe cargo transport unit or Techno SLAB Is formed on two frames, provided by us.
- Research Into regulatory guidance from other sources did not uncover any recommendations 9 MM slabs and road transportation, but the Swedish National Road and Transport Research (VTJ) Institute Issued recommendations for the transportation of panels more than 15 years ago.

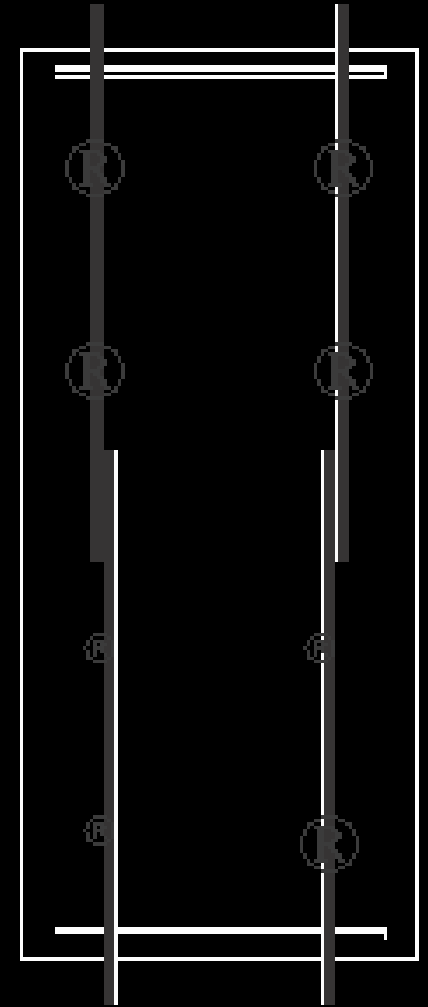


Manually transporting 9 MM SLAB

- Following is a common slab storage situation; It highlights problems that can result from Improper securing. Toe cargo transport unit or **9 MM SLAB** is extremely heavy and may have sharp edges.
- It is therefore necessary to wear protective gloves at all times. We recommended the use of single or double suction cups which help to ensure the Integrity of the tile is maintained and the operators' safety is not compromised.
- Typical suction cups of different kinds are a prime aid, although a couple of workers will be needed to carry the tiles and these may still get deformed.



- To allow the extraction of the slabs in a safe and easy way, It is recommended to position the pallets in a suitable area where the lift truck can be moved round all sides of the pallet.
- In the case of tiles with a textured surface, soft rubber suction pads should be used to ensure a strong grip. Suction pads fixed to a lifting bar will make it easier to handle the products and prevent them from becoming deformed. By using two of these bars, all kind of operations can be performed by just two people
- However, the best solution is to use a rigid lifting frame (Fig. 3) **with** suction cups that grip the tile on all four sides.
- The lifting frame can be designed to adapt to all tile formats, sizes or cut sections, keeping the tiles undamaged and allowing them to be handled by fewer people



Handling Slabs

- For handling the slabs, as well as for cutting and laying.
- we recommend the use of a kit of devices that are designed especially for large sizes.



- For a perfect adhesion clean the slab and the suckers with a damp sponge.



- This device also has suckers that run along the guides and adhere to the ceramic slab.
- Make sure that a vacuum is created between the device and the surface.



- A single guide device can be used for sizes of 150cm maximum length.



- Recommends to carry out handling operations of the 160x320cm slab with four operators at the same time.



- Lift the slab along the long side and hang it vertically to the handles of the frame .



- Set the guides to the trolley needed for carrying the slab.
- For the 160x320cm size a suitably reinforced trolley is recommended.



- Recommends the same procedure for handling the 120x240cm and all other sub-sizes, where only two operators are sufficient.



THANK YOU



Simpolo Vitrified Private Limited
Old Ghuntu Road, MORBI - 363 642. Gujarat, INDIA
Tele.: +91 2822 241622, E-mail:
customercare@simpolo.net
www.simpolo.net
Toll Free No. 1800-233-2223
Mob: +91 72289 22222



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