

6. Transportation and Storage

6.1. Description of packing

Sandwich panels must be transported only in a packed form. A certain amount of sandwich panels is placed on foam polystyrol padding. Foam polystyrol interlayers are put between roof sandwich panels and polyethylene film – between wall sandwich panels. Each package of sandwich panels is folded in polyethylene film and tightened with polypropylene clamps.

Transportation conditions

1. "Tenax" sandwich panels shall be transported by means of any transport vehicle pursuant to cargo transportation regulations for each specific type of transport ensuring undamaged, non-deformed packing.
2. If the vehicle dimensions allow, two packages simultaneously are allowed by putting one onto another with mandatory polystyrol inserts between them protecting sandwich panels from damaging.
3. The packages in the vehicle are fixed by cargo strops (textile straps).
4. Sandwich panel packages must not be piled on other manufactured articles and in its turn no other manufactured articles shall be put on sandwich panels' packages since it can cause the damage of packing.
5. The driver of a vehicle is responsible for the quality of cargo transportation.

Number of TENAX Sandwich Panels per packing

Panel thickness, mm	50	80	100	120	150	200
Number of panels, pieces (W)	24	15	12	10	8	6
Number of panels, pieces (R)	12	9	8	7	6	4

Total height of package is 1,20 m

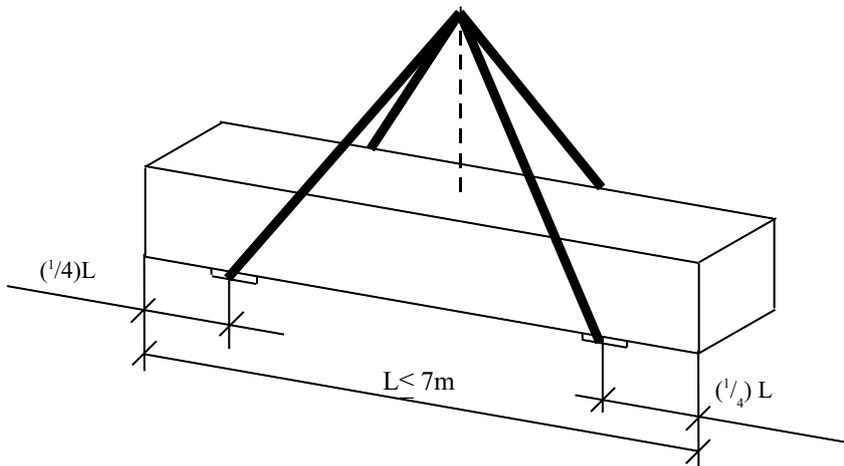
Terms and conditions of loading/unloading of sandwich panels

1. A consignee undertakes the full responsibility for unloading and storage of sandwich panels.
2. The handling, loading/unloading of sandwich panels must be performed per each package separately by using the auto crane. The shoving or the pulling of the package is prohibited.
3. To handle, to load/unload the pack of sandwich panels must be done one at a time, following the instructions of "Manipulation signs".

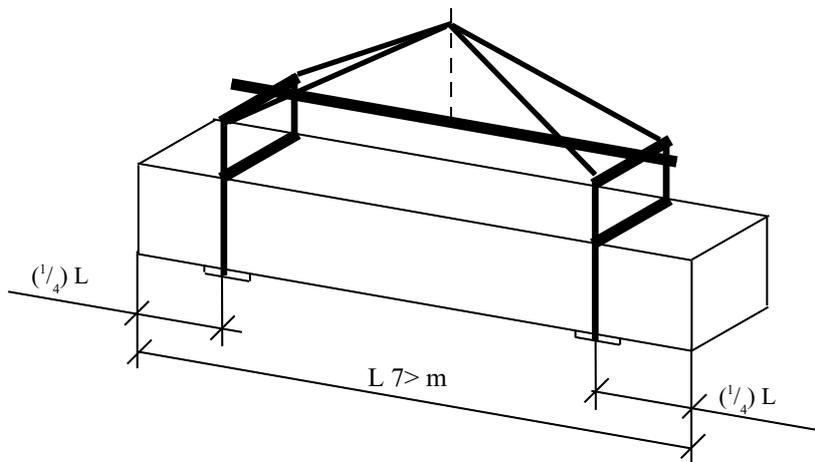
4. The elastic straps attached to the package shall be used for loading/unloading of sandwich panel packages.

5. The scheme of loading/unloading

a) without the joist provided the length of sandwich panels is up to 7 m

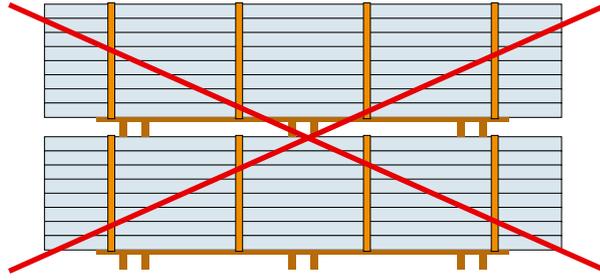


b) with joist provided the length of sandwich panels is above 7 m



6.2. Storage of Sandwich Panels

1. Sandwich panels are stored in original packing of "Tenax".
2. The packages of sandwich panels are allowed to be stored at open areas (up to two months) or under the shed.
3. Sandwich panels are placed on straight, hard surface prepared in advance. At open spaces the package shall be placed under small slope to ensure the water flow from the sandwich panel package.
4. Sandwich panels must never be placed on ground.
5. Sandwich panel packages shall be stacked in places excluded from intensive machinery and people traffic.
6. Sandwich panel packages shall be stacked only in one row (level) at the construction object.
7. Sandwich panel packages shall be placed at least 0,5 m distance from each other.

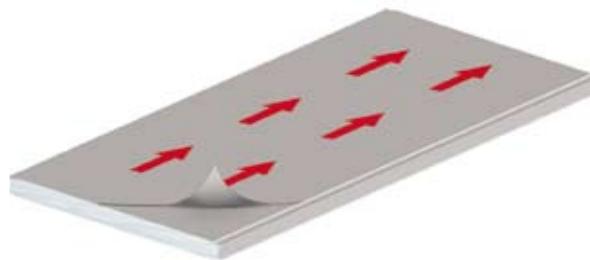


Pic. 6.1 Incorrect stacking of panel packages

8. 8. If the packaging material is damaged or is partially removed, the package shall be by no means covered with waterproof material, for example, polyethylene film or the package shall be placed in closed premises.
9. Sandwich panel packages shall not be stacked on other manufactured articles and in its turn no other manufactured articles shall be put on sandwich panels packages since it can cause the damage of sandwich panels.
10. In the event if sandwich panel packages are stored at open area more than for 2 months, they shall be moved under the shed.

Protecting Film of Panel Surface

Protecting film must be protected against direct sunlight, as well as different solvents. Protecting film must be removed from the panel surface within three months after it has been covered on. If this is not observed, the removing of the film could become more difficult. The film must not be removed in extremely low or high air temperatures, or by pieces in order to avoid the sticking of film pieces or glue on the surface. Protecting film is removed from the surface immediately after the panel has been installed. The film is rolled up in advance in places where joints, screws and fasteners are fixed.



Pic.6.2 Direction for removing the protecting film