

## Technical leaflet

### Packaging Guideline EGGER OSB and EGGER DHF



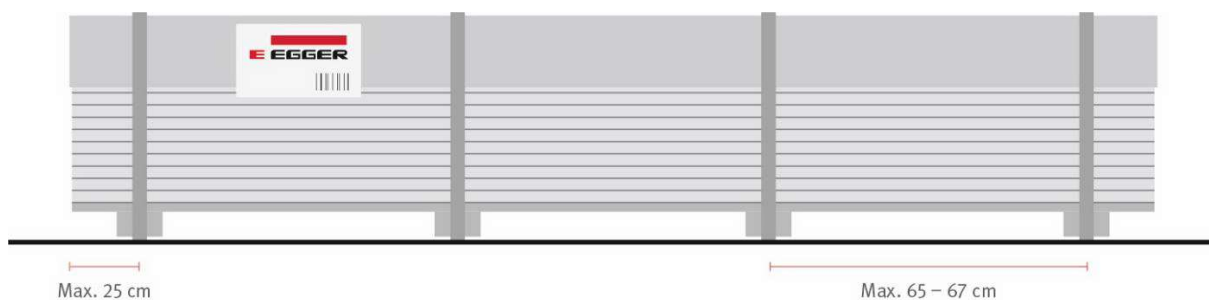
The packaging concept described in this document applies to all EGGER OSB (EGGER OSB straight edge, EGGER OSB tongue and groove, EGGER Roofing Board, EGGER Ergo Board, OSB HDX, EGGER OS'Brace, EGGER OS'Floor) and EGGER DHF boards. The packaging is designed to provide best protection against product damage during storage, loading, unloading and shipping. It is also foreseen to protect top board against dust and direct exposure to sunlight, for the scope of preventing discoloration.

### Description of EGGER OSB and EGGER DHF packaging concept

Packaging items	Functionality
Chipboard underlays	Easy forklift handling, safe stacking
Edge protection chipboard stripes	Edge protection against damage during loading and transport
PET / metal strapping bands	Product pack safety during storage, loading and transport
Stretch foil	Dust and temporary moisture protection
Cardboard cover	Dust and sunlight protection for top boards, marketing
Pallet label	Product identification and technical features (CE marking)

### Underlays

Each bundle (boards pack) is provided with a certain number of factory made chipboard underlays at the bottom, to easy the forklift handling during stack formation, loading and unloading (Image 1). The underlays are spaced at equal distance to one another, and are strong enough to resist the weight of the pack. The exact number of underlays needed, as well as the centre-to-centre distance between them is the result of Egger's long-term experience in safe storage and intact delivery of OSB and DHF products. The goal pursued is to make sure that all panels from each bundle stay flat under combined weight of the other packs stacked on top. The minimum number of underlays needed and the recommended maximum centre-to-centre distance between them are given in the Table 1 (which is part of EGGER OSB and EGGER DHF packaging concept):



(Image 1)



Table 1: Packaging description

Panel size Lengt x Width [mm]	Thickness [mm]	Number of underlays	Distance to edge
2,440 x 1,220 / 2,500 x 1,250 / 2,500 x 675 / 2,400 x 600 / 2,800 x 600	6 - 30	4	≥ 250 mm
2,650 / 2,800 / 3,000 x 1,250	6 - 10	5	≥ 250 mm
2,650 / 2,800 / 3,000 x 1,250	11 - 30	4	≥ 250 mm
5,000 x 1,250	6 - 10	6	≥ 250 mm
5,000 x 1,250	11 - 30	5	≥ 250 mm
5,000 x 2,500	8 - 30	6	≥ 250 mm

Note:

The content of the above table applies to bundles strapped with PET bands only. The exact number of underlays used for a specific board format and thickness combination could slightly differ, when metal straps are used instead of PET.

### Edge protection stripes

The edge protection chipboard stripes are machine channelled in the middle, to accommodate the PET / metal strapping bands inside and allow for firm and safe securing of each pack of EGGER OSB tongue and groove, EGGER Roofing Board, EGGER Ergo Board and EGGER DHF. The edge protection stripes are applied on the sides and on the top of each pack, after the pack has been wrapped in stretch foil (Image 2). Their purpose is to protect from damage the fragile thin milled edges during storage, loading, unloading and transport.



(Image 2) Example edge protection stripes on EGGER OSB tongue and groove

### PET / metal strapping bands

For safe hold in place of individual boards within a bundle, 19 mm wide and 1.27 mm thick PET (or 15 mm x 0.5 mm metal) strapping bands are used. They are machine applied on the packaging line in the factory. The number of strapping bands needed to secure each EGGER OSB or EGGER DHF product bundle correspond to the number of underlays used. The tension provided by strapping bands altogether is high enough to ensure safety in storage, forklift handling and shipping. However, is still not that strong to crush the product edges.

The PET/ metal strapping bands must be cut-off and removed carefully right after product dispatch on job-site, to release stress and allow product to cope rapidly with ambient humidity.

It is recommended to wear protective glasses and to use a cutter or a sharp knife to fulfil this job safely.

### Stretch foil

Before the application of PET / metal strapping bands, the bundles of EGGER OSB tongue and groove, EGGER Roofing Board, EGGER Ergo Board and EGGER DHF are wrapped few times in stretch foil, on the packaging line. The main purpose of the foil is to prevent dust penetration and accumulation inside the groove edges of the boards, during the long-term storage of the product packs in the warehouse or on jobsite. In addition to that, the stretch foil wrapping contributes to overall safety during transport, and gives a certain moisture protection to the packs stored temporarily outdoor.

### Cardboard cover

The main role of the cardboard cover is to keep the top board free of dust and to protect it from direct exposure to sunlight, for the scope of preventing discoloration. Being positioned underneath the highly tensioned strapping bands, it also protect the edges of the top board from crushing. The remote identification of the product is facilitated by the EGGER logo printed on the long folded sides of the cardboard cover (Image 3).



(Image 3): Example for top cardboard cover applied on OSB straight edge packs



(Image 4): Example for side cardboard cover applied on EGGER Roofing Board packs

Note:

For EGGER DHF, EGGER Ergo Board and EGGER Roofing Board, the full-size top cardboard cover is replaced by angle-folded cardboard covers, applied on two opposite top corners of the product pack (Image 4). These corner covers are kept in place by the wrapping stretch foil.

## Pallet label

In full compliance with international regulations regarding CE marking, product traceability and easy identification, each EGGER OSB and EGGER DHF product pack is delivered with an A4 size product label, placed visibly, on the side-fold of the top cardboard cover. The label contains all information required by local and international regulations for a complete identification of the product, namely:

- Declaration of Performance (in English)
- Format (length, width, thickness)
- Number of pieces per pack
- Technical class
- Surface quality (sanded / unsanded)
- Material number (SAP product code)
- Product bar code
- Product EAN code
- Production order number (internal)
- Date of packaging (QC stamp)

The corresponding Declarations of Performance in different languages are available and could be downloaded free at any time from the local company's websites. In case of a potential quality fault, any EGGER OSB and EGGER DHF product might be traced back for investigation, using the production order number printed on the product pack label. The customer should follow the Egger standard claim procedure in this case.

## General note

Quality Characteristics / Technical Data of EGGER OSB and EGGER DHF products per type and thickness range are available in the corresponding Declaration of Performance available on [www.egger.com](http://www.egger.com).

Further information on Storage are available in the "Storage Instructions for EGGER OSB and EGGER DHF".

Further information on Loading, Transport, Unloading and Handling are available in the "Transport and Handling Instructions for EGGER OSB and EGGER DHF".

Further information on Acclimatization, Processing and Fastening are available in the "Processing Guideline for EGGER OSB and EGGER DHF".

## Additional documents

Declarations of Performance EGGER OSB, Declaration of Performance EGGER DHF, Transport and Handling Instructions for EGGER OSB and EGGER DHF, Processing Guideline for EGGER OSB and EGGER DHF

### Provisional note:

This packaging guideline has been carefully drawn up to the best of our knowledge. The information provided is based on practical experience, in-house testing and reflects our current level of knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or its suitability for specific applications. We accept no liability for any mistakes, errors in standards, or printing errors. In addition, technical modifications may result from the continuous further development of EGGER OSB and EGGER DHF product range, as well as from changes to standards and public law documents. The contents of this guideline should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.

