

The BOX

YOUR EXPORT BOX



The BOX – The Solution for Heavy-Duty export

The idea of this presentation is to give you a picture about the BOX:

- ✓ What it is
- ✓ Why it should be used
- ✓ How it is used

WHAT

- Single-material made of fiber-based components
- Designed to transport light or heavy-duty products
- Developed to meet future logistic needs

WHY

- Lightweight, easy to handle, load and unload
- Reusable and 100%-recyclable
- High protection capacity
- Reduced freight costs

HOW

- No need for any tool to build The BOX
- The solution is totally free of splinters or nails
- Comes in kit form and you can build it in less than 1 minute





What

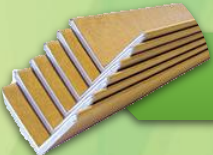
What is The BOX?

The Idea!

The question “What are the future packaging needs for our customers? Could we combine our existing products to create a more optimized solution?” was asked at company development day. For this The BOX was developed.

The BOX was designed to be an export package to transport your light or heavy products safely through the logistic chain. The BOX is a next-generation alternative to heavy wooden, plywood or other traditional boxes.

The BOX combines our existing products Edgeboard, Honeycomb and Pallrun®. We have been successfully producing them since the 1990s.



Edgeboards



Honeycomb Board



PallRun®



Raw materials

Eltete TPM is an ISO 9001:2008-certified company. Our products are well-known in the packaging world for their strength and high quality. The general raw material is paperboard, kraft board, core board and other similar recycled paperboards. Liquid board is also used for heat-sealed qualities.

HONEYCOMB BOARD



- 100%-recyclable raw material
- Kraftliner 400gsm or 2x400gsm
- PVA-C, Water - based/humidity-resistant
- Hexagonal structure made with kraft board layers

EDGEBOARDS

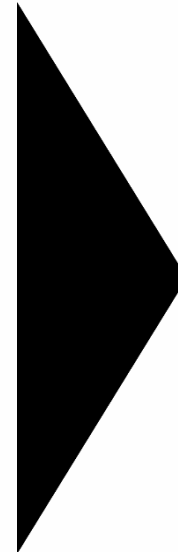


- 100%-recyclable raw material
- Made by the lamination of several layers of strong paperboard
- Laminated with a water-soluble glue under high pressure

PALLRUN®



- 100%-recyclable raw material
- Kraft board, core board and other paperboards
- Water based/humidity-resistant



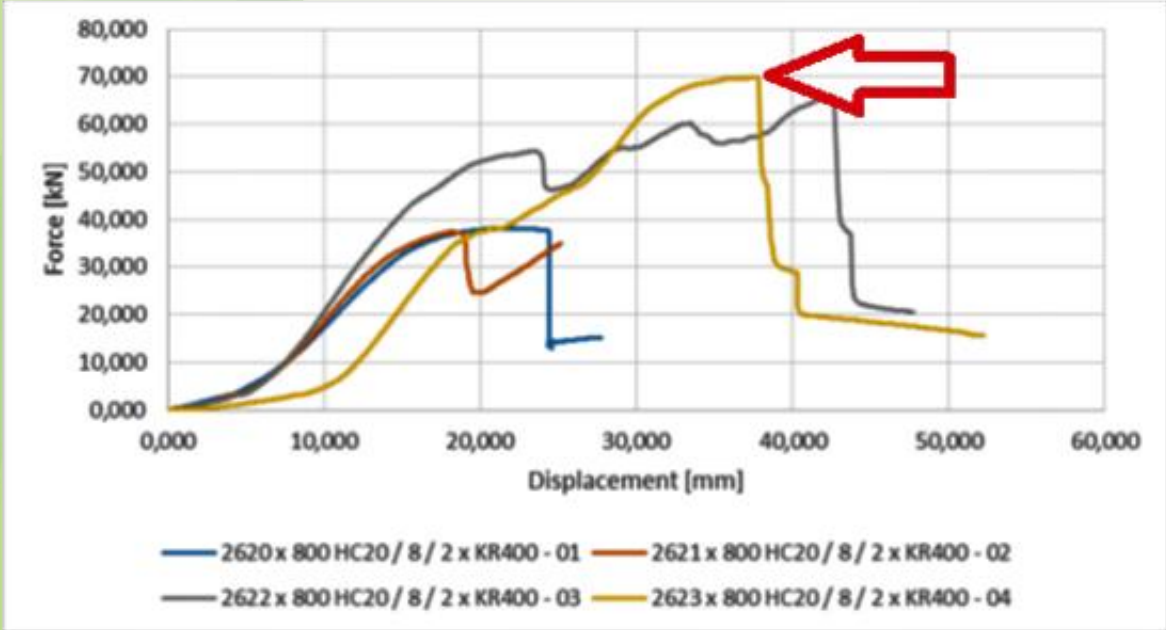


Why use The BOX?

Reason #1 – High Protection Capacity

According to tests, the heavy-duty BOX has a high protection capacity. It can resist 6,500 kg of static compression and 2,000kg of dynamic load! The BOX has relatively good humidity resistance. It can be used in moist conditions, for instance for overseas shipments.

Red and blue with 800mm 1,200mm size loading -> up to 3,700kg
Yellow and grey with full size loading -> up to 6,500kg



The BOX size in tests was 2,620 x 800 x 900 mm.
Material used was HC20/8 2 x KR400



We can produce supporting pieces inside the BOX for specific customer needs.



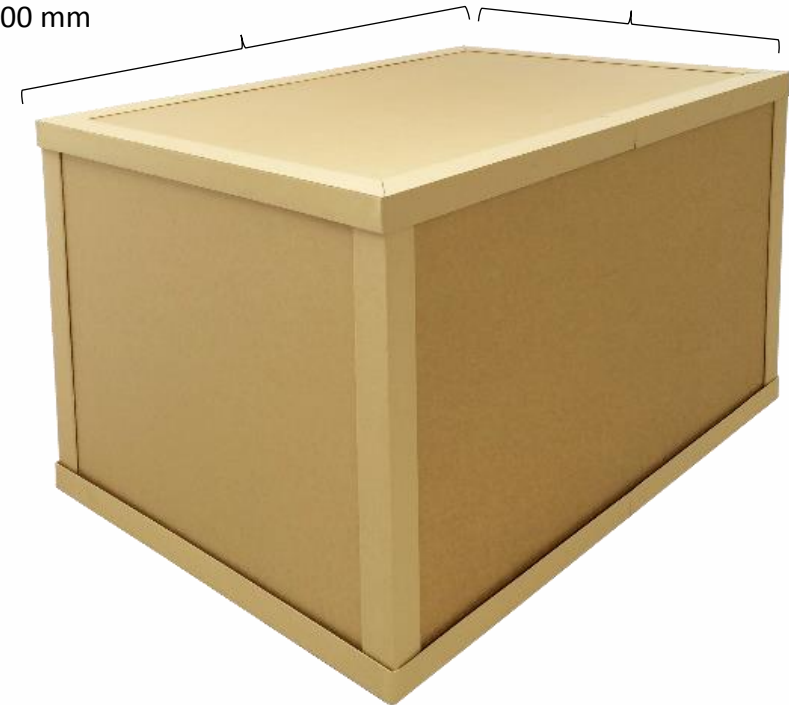
Reason #2 – Diverse sizes

The BOX can be produced in several sizes. On an Automatic Assembly Line, The BOX sizes can vary between 600 and 3,000mm length and 400 and 1,500mm width. With manual assembly the only limitation is that one wall cannot exceed 1,600mm on one side.



Length
Min 600 mm
Max 3000 mm

Width
Min 400 mm
Max 1500 mm



For larger volumes, our Engineering Division can supply you with a full Box Assembly Line

Reason #3 – Easy handling in warehouse

The BOX can withstand more than 6,500kg of static force. Because of this, it can be easily palletised.



The BOX can be easily handled with a forklift truck and be palletised by attaching PallRuns®.

Reason #4 – Lower cost level

From our production facility, The BOX is delivered in kit form, saving valuable space. Basically there is no space wasted on the transportation pallet.



It takes less than one minute to assemble The BOX. Depending on the product to be packed, the user can also place the product inside and assemble the BOX around it. This reduces the time used for packaging goods.

One Euro-size Eltete BOX weighs only 20 kg. This considerably reduces freight costs compared to traditional boxes. Wooden or plastic boxes have a significantly higher weight. This influences the shipping cost, especially for export.

1200 x 800 x 1000H mm	WOODEN BOX	POLYMER BOX	PLYWOOD	THE BOX
Weight	45 - 60 kg	30 kg	35 - 40 kg	20 kg
Air freight cost_load 300 kg + box	100%	96%	97%	93%

Reason #5 – The Future and The Environment

WHAT – WHY – HOW



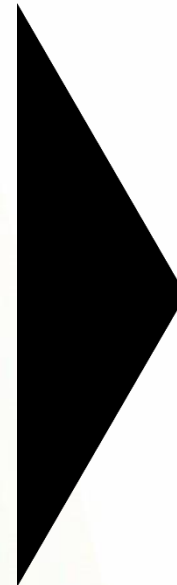
The BOX was developed to be Reusable & Recyclable, Sustainable, Simple, Clean and Hygienic



As Eltete adheres to environmentally-friendly thinking with its 100% recyclable products, it also takes care of the waste.

Waste is a growing environmental, social and economic issue for all modern economies. EU waste policy is based on a concept known as the waste hierarchy, which codifies the different options for managing waste from 'best' to 'worst' from an environmental perspective.

The BOX is the answer to top three of the requirements:



[Source: European Commission website](#)

Reason #6 – Reusable & 100%-Recyclable

The Eltete TPM motto, the '3Rs', supports environmentally-friendly thinking. We practise a 'reduce/replace/recycle' approach to create the best-in-class eco-friendly products.

REDUCE packaging material.

REPLACE material with more environmentally-friendly alternatives.

RECYCLE easily and reduce environmental footprint.

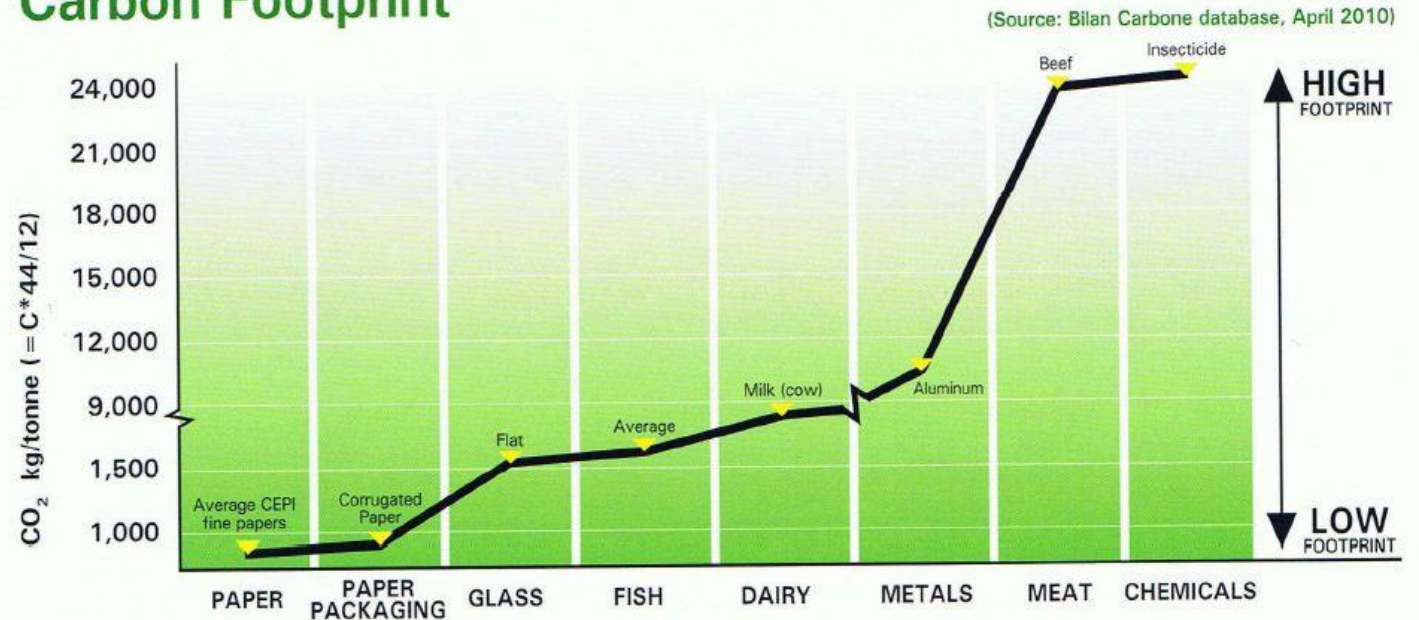
**THE BOX IS SINGLE-MATERIAL AND 100%
RECYCLABLE! ALL MATERIAL USED IN
ITS PRODUCTION IS FIBRE-BASED, WITH
NO PLASTIC, WOOD OR METAL.**



Reason #7 – Reduction of carbon footprint

- **CARBON EMISSIONS ARE THE LARGEST CONTRIBUTOR TO AIR POLLUTION – THEY ARE SUFFOCATING OUR ENVIRONMENT.**
- **ONE WAY TO REDUCE CARBON FOOTPRINT IS TO USE LIGHTWEIGHT, REUSABLE, RECYCLABLE PACKAGING MATERIAL.**

Carbon Footprint



Reason #8 – Brand your own packaging

Company names, logos and advertisements can easily be printed on The BOX.



Reason #9 – No heat treatment needed

The BOX does not need to be debarked, heat-treated or fumigated and stamped with a mark of compliance. Like all Eltete products, The BOX is wood-free and therefore ISPM-15 compliant.



Accepted anywhere in the world without restrictions



How

How use The BOX?

EASY TO USE – No Tooling!

The Box needs no tooling or nails to assemble and will not give you splinters.

It provides excellent protection for your goods.

It is an easy solution for export – 1, 2 or 3 sides can be open and you can choose the best way to load it!



Once you have used it, you can either reuse or recycle it!

Its design allows for easy assembly or disassembly

WHAT – WHY – HOW



Hover the mouse over the image to see the controls of the video.



Photos and video taken in our customer's warehouse to demonstrate how easy and effective The BOX is. The customer's product weighs about 150 kg.



The BOX – The Solution for Heavy-Duty export

- ✓ **CAPACITY TO CARRY SEVERAL TONNES**
- ✓ **SINGLE-MATERIAL**
- ✓ **LOW FREIGHT COST DUE TO LIGHT WEIGHT**
- ✓ **EXCELLENT EXPORT BOX**
- ✓ **FAST ASSEMBLY AND DISASSEMBLY**
- ✓ **EASY TO RELOAD AND UNLOAD**
- ✓ **REUSABLE AND 100%-RECYCLABLE**
- ✓ **REPLACES PLYWOOD, WOOD AND OTHER STANDARD BOXES**
- ✓ **BEST STORAGE OPTION**



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