

Craemer Plastic Pallets in combination with a lid & sleeve system

An ideal load carrier in the middle weight segment



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The Craemer – ConPearl Sleeve System

The Idea – a returnable and reusable packing system

- A simple system for packing and transporting of non-standardised packages
- Maximum security and safety for the goods with a minimal time-effort to get packing system in place
- Easy handling, also for female workers, due to light weight and simple construction
- Sleeve designed as a Bubble Guard Sleeve = very robust and strong enough for a load of ca. 600 - 700 kg stacking load
- Tested and proven for the automotive industry with triple security
- This allows to adopt the sleeve height to the standard shipped volume and weight of goods
 - E.g. pallet 150 mm + 800 mm sleeve height = 950 mm x 2 = 1900 mm height
 - pallet 150 mm + 650 mm sleeve height = 800 mm x 3 = 2400 mm height
 - pallet 150 mm + 980 mm sleeve height = 1.130 mm x 2 = 2.260 mm height
- System is made for strapping instead of locking – completely eliminating the risk of breaks of the plastic locks
- Calculated for min. 3 years usage time with 40 cycles / year = 120 round trips
- Cost / cycle much lower than permanent replacement of wooden pallets

And for environmental issues: All components are 100% recyclable and reusable

The Craemer – ConPearl Euro Size Sleeve System

The main components:

Craemer Pallet Lid
Euro size 1200 x 800 mm or
Industrial size 1200 x 1000 mm

ConPearl sleeve (variable height)

A Craemer Plastic Pallet with a 22 mm
outstanding rim as load carrier



The Craemer – ConPearl Euro Size System 2



- 1) Take the lid off
- 2 + 3) Unfold the sleeve
- 4) Open the box
- 5) Flip down the side wings
- 6) Pack the box
- 7) Close the box and fix the lid on top of the box. Strap the lid – Ready for transport

The Craemer – ConPearl Sleeve System

Other features:

- Can be used with any Craemer Plastic Pallet with a 22 mm outstanding rim such as D1 / D3 & CS1 / CS3 and also half pallet D2
- Self locking system with the Craemer Pallet Lid
- Easily stackable also with other pallets
- Fixable loading flap

Strapping the lid to the pallet is necessary during transportation!



The Craemer – ConPearl Half Pallet Sleeve System

Other features:

- Can be used with any Craemer Plastic Pallet with a 22 mm outstanding rim such as D & CS series and also half pallet D2
- Self locking system with the Craemer Pallet Lid
- Easily stackable also with other pallets
- Fixable loading flap
- Customer branding optional
- Label pocket optional

Strapping the lid to the pallet is necessary during transportation!

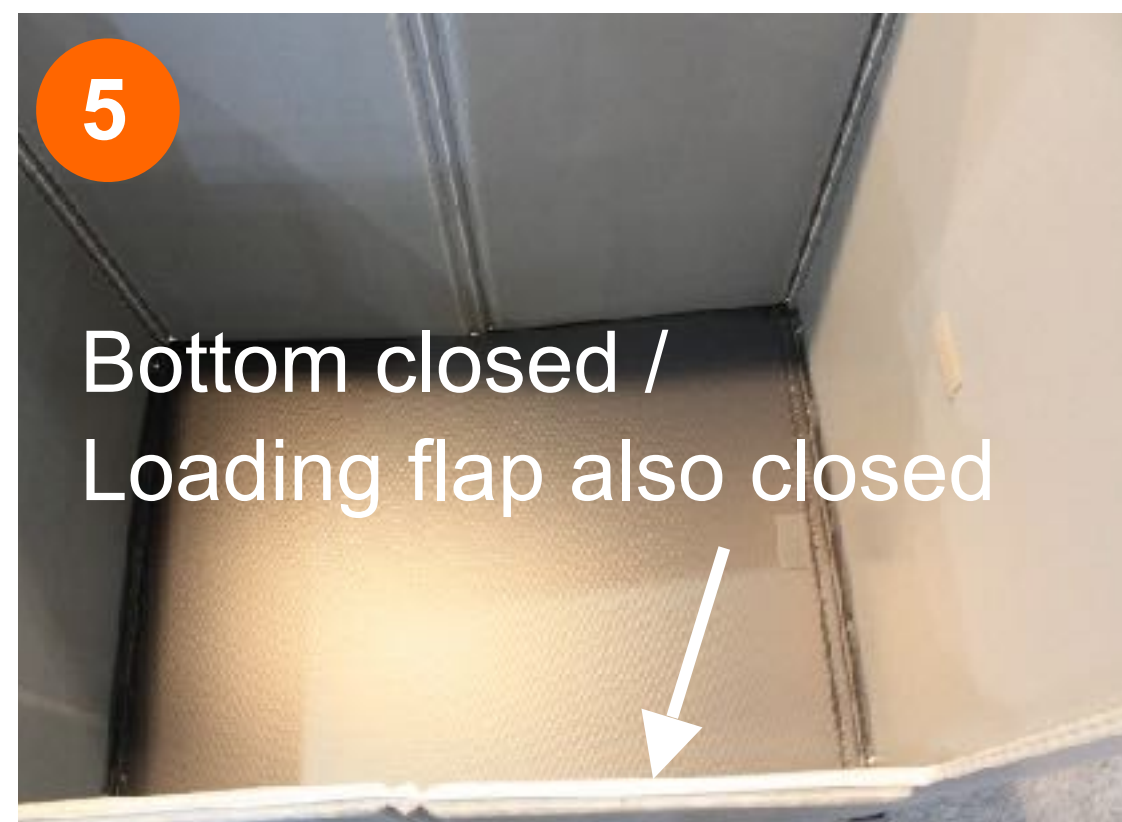
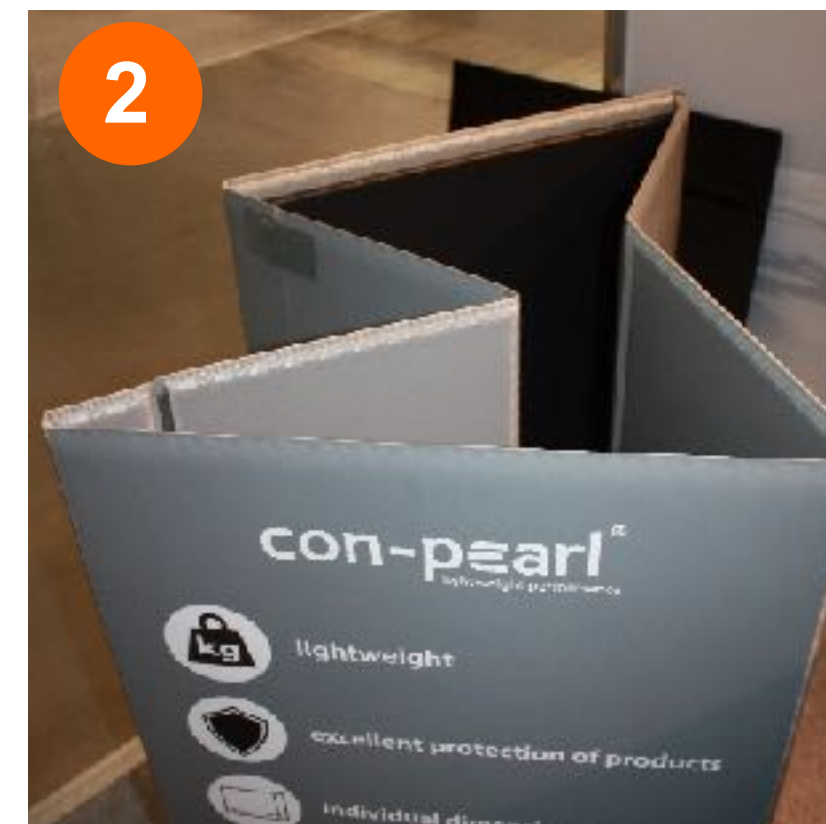


** Pictures show the D2 half pallet system, using a half pallet lid from Nycopac



The Craemer – ConPearl Half Pallet Sleeve System

Principles of de-folding & folding Z-folding



- 1) Remove the lid
- 2) Unfold sleeve and put it on the pallet
- 3) Correct the position of the sleeve and open the loading flap on the one long side
- 4) Fold bottom flaps of the sleeve down to the pallet
- 5) Sleeve (Box) is now completely closed from the bottom side

The Craemer – ConPearl Industrial Size Box System

Sets are possible in same configurations as for Euro pallet size

- Set consist of a D3 / CS3 Plastic Pallet with 22 mm outstanding rim
 - + Cramer Pallet Lid
 - + ConPearl Box
- Dimensions: 1200 x 1000 x 1000 mm
- Internal usable sleeve height with M-folding 950 mm
- Sleeve with 2 bottom flaps (only possible with M-folding scheme)
- Craemer Art.-No. Sleeve: 88101112

The Craemer – ConPearl Industrial Size Box System

Sets are possible in same configurations as for Euro pallet size

Setting up the con-pearl frame



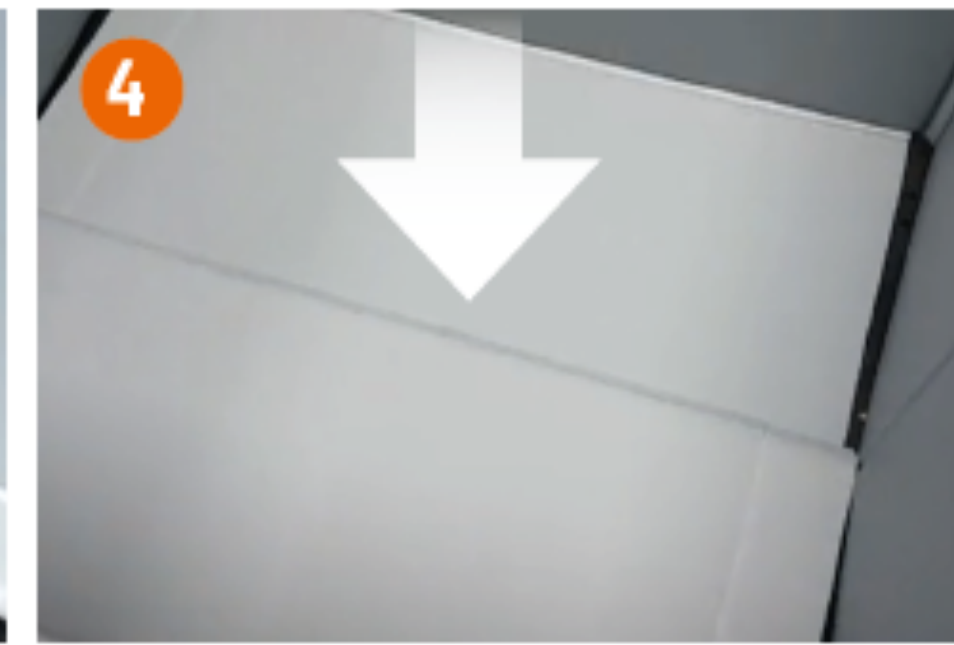
Set up con-pearl frame on pallet



Unfold the con-pearl frame



Fold down base flaps



Place base flaps



Correct set up con-pearl frame
including pallet lid
Exemplary presentation



Allows stacking

The Craemer – ConPearl Industrial Size Box System

Example: Lajthiza Water Bottling Plant

- For easier set up and also unfolding the sleeve has two grip straps on each short side
- Additionally, instead of using standard strapping belts the system is equipped with 2 reusable / returnable lashing belts (with a lock and 2 hooks to fix on the pallet)
- System here is used for the storage / transport of PET preforms for water bottles between the main warehouse and the bottling plant



Grip straps

Lock is hidden to ensure it is not destroyed or touched by top pallet when stacking



Lashing belts

Hook

The Craemer – ConPearl Industrial Size Box System

Example: Lajthiza Water Bottling Plant

- Pictures from Lajthiza Warehouse
- All sleeve systems are strapped with 2 lashing belts
- Systems without lashing straps were delivered earlier and used to be wrapped in stretch foil during transport
- No foil is required when using the lashing straps = **Sustainability!**



The Craemer – ConPearl Pack System

Overview of the advantages

Solid sleeve structure & solid plastic pallets combined with solid lid produced by injection molding technology give a long service life

- Humidity resistant = no weak points due to rain water
- Temperature resistant in a wide range > -20° C up to +60° C
- No wooden splinters, loose nails or boards = Less injuries and less repair cost!
- Much lighter than a system with wooden or metal frames
= directly related to less back pain and better working conditions and higher workforce motivation
- Time-saving due to lower set up and dismantling times
- Adaptable to other pallet sizes, tray and lid for reasonable cost

Always a reliable partner



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