

Pails Manual

UN SOLID SECURE RANGE

ROPAC® - Premium Packaging Protection

JANUARY 2019



Schoeller Allibert



PREMIUM
PACKAGING
PROTECTION

www.ropac-packaging.com

Contents

MANUAL AND SEMI-AUTOMATIC CLOSING	PAGE 03
COMPLETE OPENING	PAGE 04
OPEN WITH FLEX-SPOUT	PAGE 05
OPENING DEVICE	PAGE 06
USAGE	PAGE 07
STATIC LOAD	PAGE 08
PALLETISATION	PAGE 09
PALLET DRAWINGS	PAGE 10 - 17
CONTACT	PAGE 18



Schoeller Allibert

ROPAC® © PREMIUM
PACKAGING
PROTECTION



Closing

For clients with high volumes and large throughput we can recommend suppliers of automatic lidding presses which can be integrated into the clients filling line. Alternatively, for more modest requirements, we suggest a semi-automatic lidding press which is very easy to use.

For smaller production series you can close the containers manually.

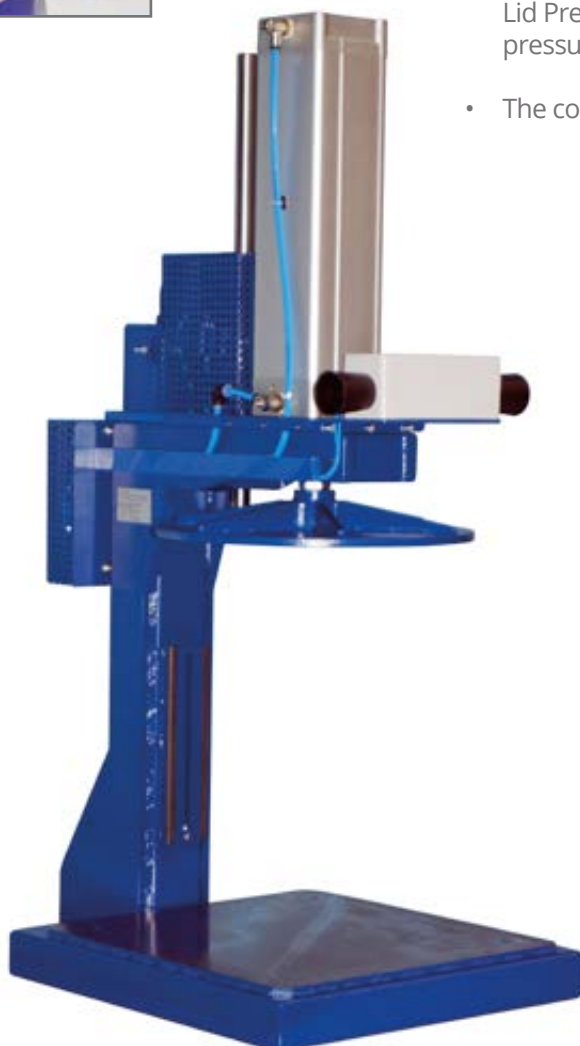


Manual Closing

- With a nylon or rubber hammer hit the lid evenly and flatly in 4 positions on the lid to close the container fully and evenly
- Inspect where the lid and pail meet to ensure that the closure gap is consistent and even.

Semi-Automatic Closing

- Place the container under the Lid Press and ensure an even pressure of circa 6 bar
- The container is now closed.



Schoeller Allibert

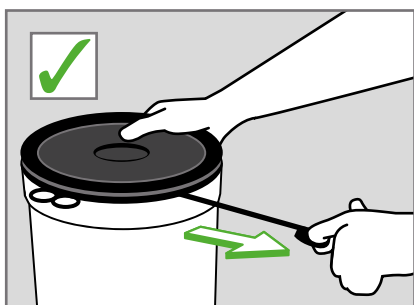
ROPAC

PREMIUM
PACKAGING
PROTECTION

Opening - Whole Container

Remove tear-off band

1. Placing the container on a flat and even surface to avoid any spillage of the content.
2. Take the finger hole on the right hand side of the lid and evenly and consistently pull away from the pail at 90 degrees, rotating the pail as necessary. (Ensure the tear-off band remains HORIZONTAL to avoid being broken off).



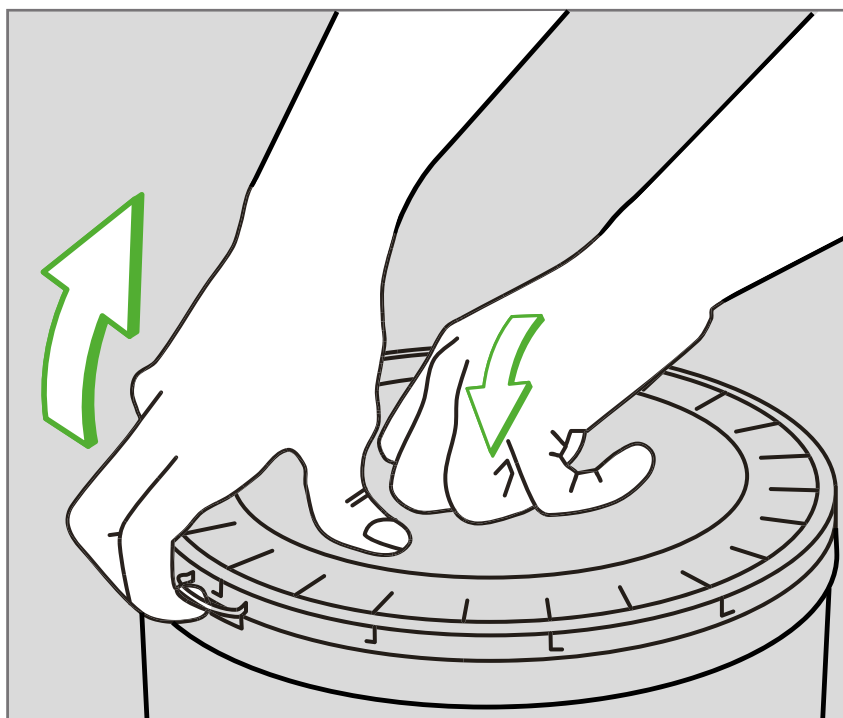
Remove tear-off band horizontally



DO NOT pull upwards as this could break the tear-off strip and/or upset the stability of the pail

Lift up plastic lid

3. With one hand, push firmly on the middle of the lid; with the other hand, take the remaining opening loop and pull it upwards to release the lid partly from the pail. Now the lid can be easily opened with one hand.



The packaging will be no longer UN certified.



Schoeller Allibert

ROPAC® PREMIUM PACKAGING PROTECTION

Opening - Containers with Flex-Spout

1. Placing the container on a flat and even surface to avoid any spillage of the content.
2. Ease up the Finger-Pull element of the Flex-Spout by pulling firmly upwards.
3. Once the Flex-Spout is completely upright and extended you can then open the Closure to give access to the contents.
4. This closure is re-sealable numerous times for part usage within your organisation.

(Flex-spout available on 5, 6, 15 & 20 litres UN solid)



The packaging will be no longer UN certified.



Schoeller Allibert

ROPAC® PREMIUM
PACKAGING
PROTECTION

Opening device



1. Place the two hooks of the metallic bar into the opening eyelets.



2. Lift the bar towards you, the lever mechanism will allow the lid to open easily.



This opening device can be used with all of our product ranges that are fitted with eyelets.



Schoeller Allibert

ROPAC

PREMIUM
PACKAGING
PROTECTION

Use

1. Filling Temperature

The maximum filling temperature of the contents is 80° C (175° F). We recommend to cool down the content to 30° (85° F) before the Pail can be closed and stacked. This prevents a vacuum forming inside the container and a deformation of the pail after filling instead of at lidding.

2. Filling Level

The UN Solid pails have to be filled at least 95% of the maximum volume under lid (and not weight).

3. Emptying

Open the container following the instructions under Opening. Holding the handle with one hand, place your other hand in the recess in the base of the container to tip the container and pour out the contents as required.

4. Lifting

The pail can be easily lifted and moved, both mechanically and manually. On the smaller sizes, use the carry handles to move each pail easily, on the larger sizes be aware of the pack weight and carry singularly with both hands if necessary.

NOTE! Please be aware of any local and/or corporate Health and Safety restrictions when handling or lifting the containers.

5. Freezing

The range of ROPAC® pails are manufactured from high performance HDPE and are resistant to temperatures down to -18°C. At temperatures below -5°C it is important to protect the Pail from shock loads.

6. Air Transport

Schoeller Allibert Swiss recommends shipment in pressurized cargo holds for air transport of packaging. We cannot guarantee optimal or correct performance if packaging is shipped in cargo holds without pressure regulation. Due to differences in air pressure a container can begin to deform.

The duration of transport, filling level, type of contents and the way of packing and palletising can all have different effects on the packaging and contents.

We strongly advise clients to test each packaging and shipping mode prior to dispatching.

For food or pharma applications, the pails should be washed before use.



Schoeller Allibert

ROPAC® PREMIUM PACKAGING PROTECTION

Static Load

When stacking the ROPAC® SECURE range of products for storage in e.g. a warehouse or cold store it is important to know what the maximum stacking load can be on the bottom container. The stacking load depends enormously on: the container weight, the number of containers to be stacked, the weight of interlayers and pallets, surrounding temperature, the duration of the load and the surface beneath the bottom containers.

Set	Load (Kg)	Temperature (°C)	Time (hours)
Ropac® MP 3 LH	80	23	24
Ropac® MP 5 LH	78	23	24
Ropac® MP 6 LH	66	23	24
Ropac® MP 10 LH	140	23	24
Ropac® MP 15 LH	230	23	24
Ropac® MP 20 LH	216	23	24
Ropac® MP 31 LH	280	23	24
Ropac® MP 32 LH	252	23	24

The table shows for each ROPAC® SECURE products the maximum stacking load (in kg) at a given surrounding temperature during 24 hours placed on a flat and closed surface or pallet.

Attention! The above mentioned figures are indicative. Schoeller Allibert Swiss recommends to perform additional testing.

When stacking the pails, the temperature of the content has to be equal or lower than the ambient temperature.



Schoeller Allibert

ROPAC® PREMIUM
PACKAGING
PROTECTION

Palette 80cm x 120cm	
3 Litre Pail	16 pieces per layer
5 and 6 Litre Pails	18 pieces per layer
10 Litre Pail	12 pieces per layer
15 and 20 Litre Pails	8 pieces per layer
31 Litre Pail	6 pieces per layer
32 Litre Pail	6 pieces per layer

Pallet 114cm x 114cm (45" x 45")	
3, 5 and 6 Litre Pails	27 pieces per layer
10 Litre Pail	16 pieces per layer
15 and 20 Litre Pails	12 pieces per layer
31 Litre Pail	9 pieces per layer
32 Litre Pail	9 pieces per layer

Pallet 100cm x 120cm (40" x 48")	
3, 5 and 6 Litre Pails	18 pieces per layer
10 Litre Pail	15 pieces per layer
15 and 20 Litre Pails	10 pieces per layer
31 Litre Pail	6 pieces per layer
32 Litre Pail	7 pieces per layer

Refer to technical data sheets regarding stacking heights



Palletisation - Filled pails

1. Pallet

The pallet has to present an almost plain surface fitted with planks which intermediate gaps shall not exceed 5 cm. In case a pallet is placed on top of another pallet, the surface between both pallets needs to be flat and rigid to avoid pressure points on the top layer.

2. Recommendations

Schoeller Allibert recommends to place the filled containers on a pallet as shown on pages 10 - 17.

3. Stacking

Filled containers are placed on a flat surface and stacked by placing the base of the container on the counter shape of the lid.

In case a pallet is placed on top of another pallet, the surface between both pallets needs to be flat and rigid to avoid pressure points on the top layer.

Attention! The total static load on the bottom container of a stack shall never exceed the maximum load indicated on page 08.

When positioning the ROPAC® Pails on a pallet it is important to turn the handgrips away from the pallet corners to avoid damaging the shrink-wrap or the stretch foil.

4. Packing

We recommend the use of a pallet shrink covers which needs to be shrunk around the pallet as well. Additionally, the bottom of the pallet needs to be stretched with Pallet-wrap as well.

The containers at the base of a stack will carry most of the load and to avoid a collapse they cannot be deformed by overstretching the foil or over-heating the wrap.

5. Pallet handling

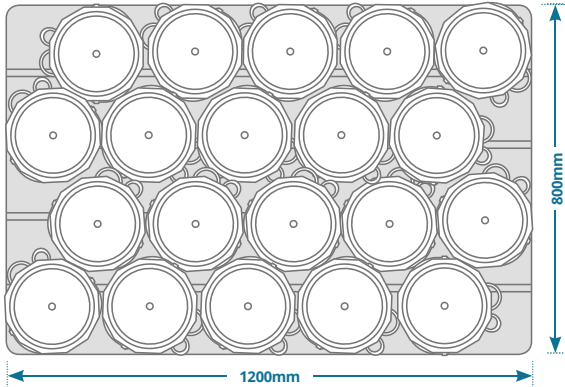
From a safety point of view Schoeller Allibert recommends the transport of one pallet at a time. In order not to disturb the stack the fork of the lift truck needs to be kept almost horizontal.



Schoeller Allibert

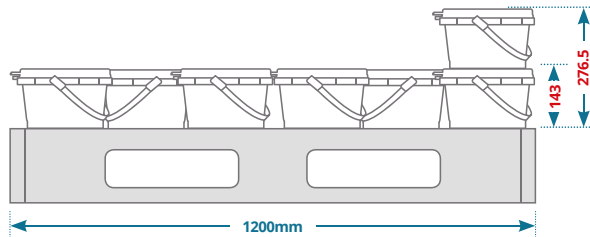
ROPAC® PREMIUM
PACKAGING
PROTECTION

Ropac® MP 3 LH SECURE



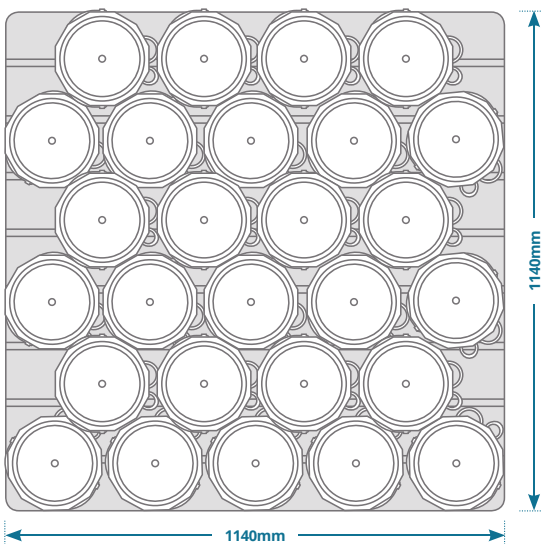
PLAN ELEVATION

STANDARD PALLETISATION



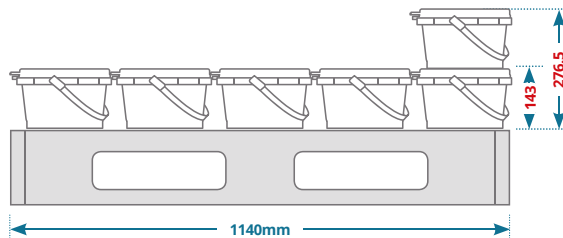
SIDE ELEVATION

Europallet: 80cm x 120cm



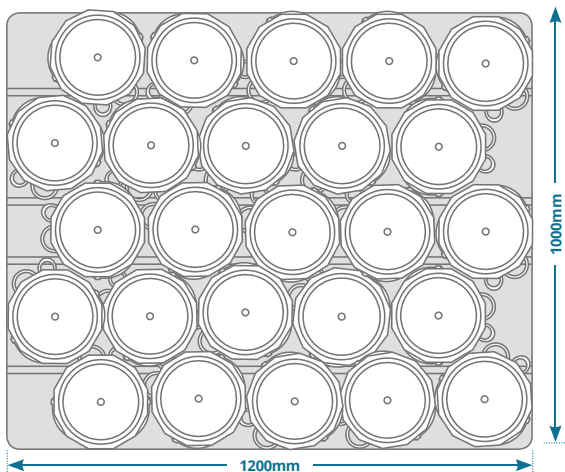
PLAN ELEVATION

PALLETISATION FOR SEA CONTAINER



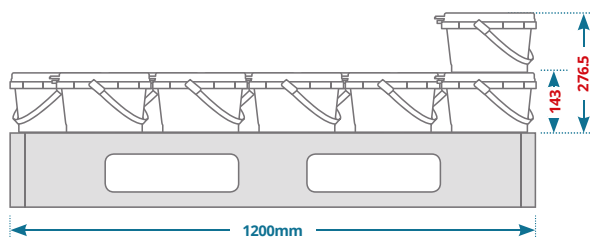
SIDE ELEVATION

Pallet: 114cm x 114cm



PLAN ELEVATION

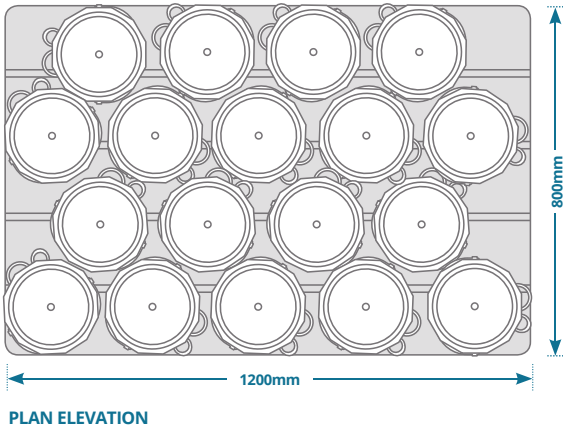
SPECIAL PALLETISATION ON REQUEST



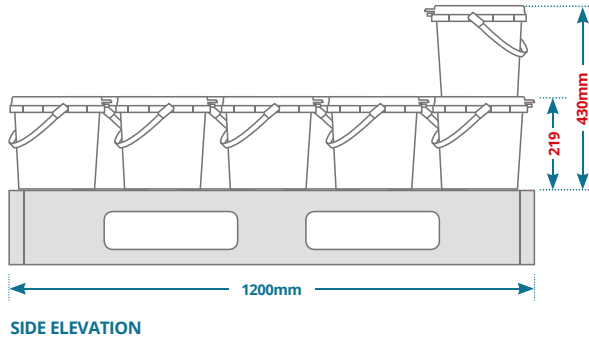
SIDE ELEVATION

Pallet: 100cm x 120cm

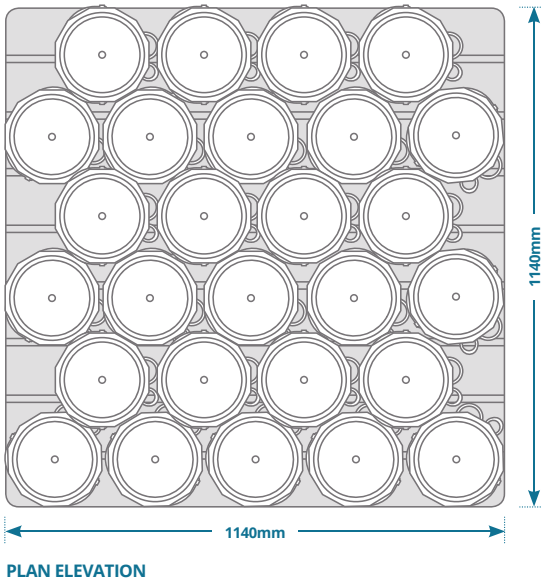
Ropac® MP 5 LH SECURE



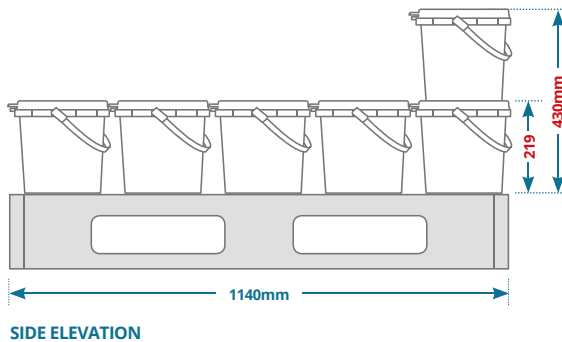
STANDARD PALLETISATION



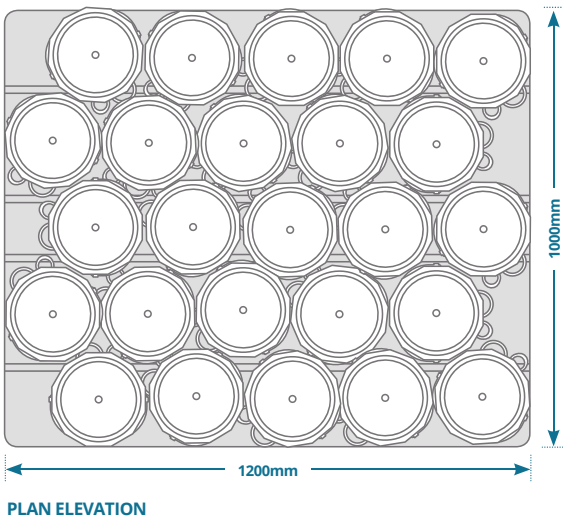
Europallet: 80cm x 120cm



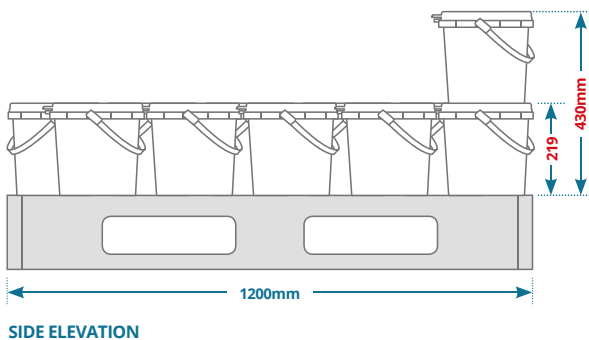
PALLETISATION FOR SEA CONTAINER



Pallet: 114cm x 114cm

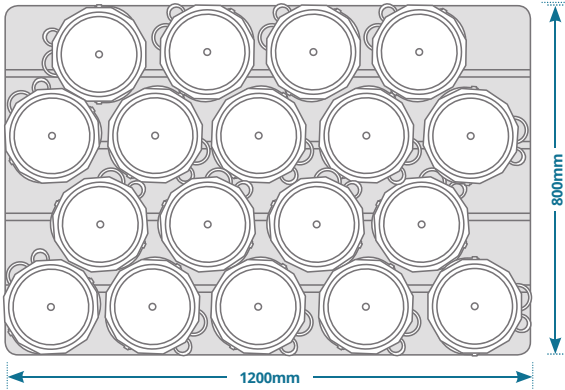


SPECIAL PALLETISATION ON REQUEST



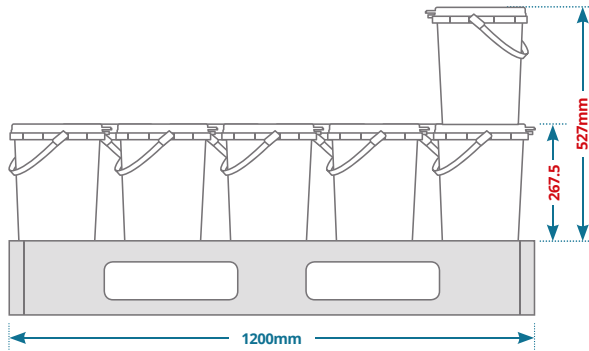
Pallet: 100cm x 120cm

Ropac® MP 6 LH SECURE



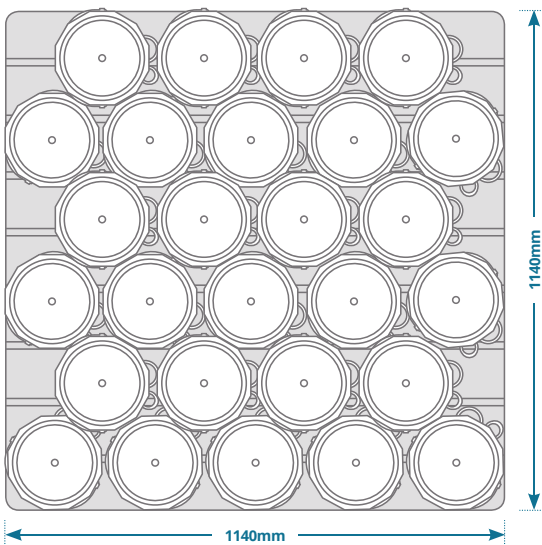
PLAN ELEVATION

STANDARD PALLETISATION



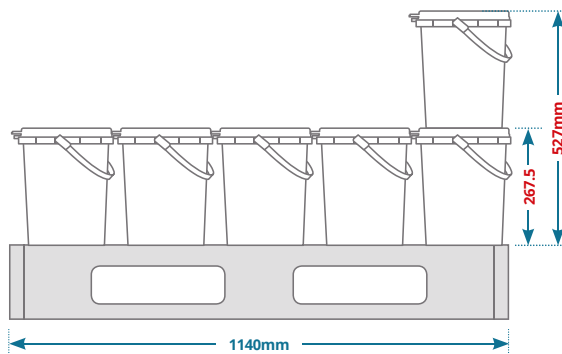
SIDE ELEVATION

Euro pallet: 80cm x 120cm



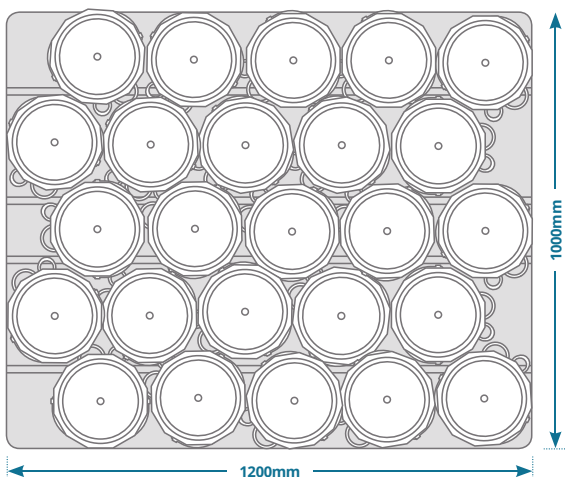
PLAN ELEVATION

PALLETISATION FOR SEA CONTAINER



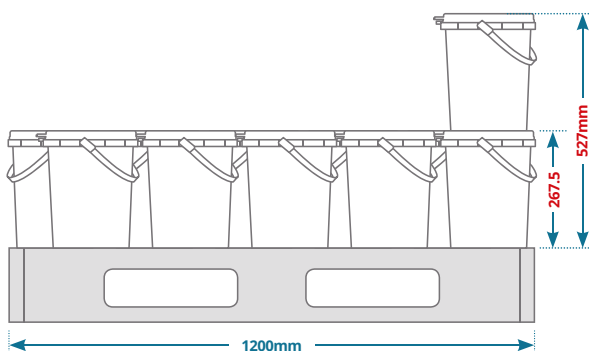
SIDE ELEVATION

Pallet: 114cm x 114cm



PLAN ELEVATION

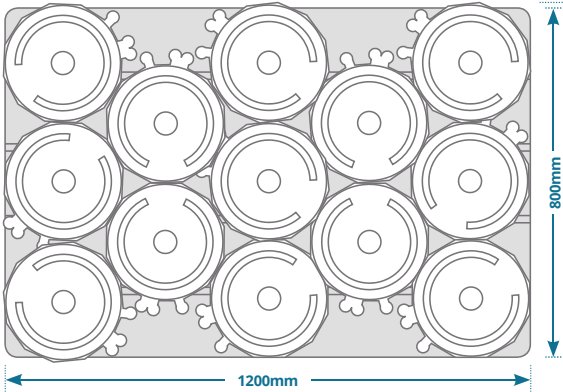
SPECIAL PALLETISATION ON REQUEST



SIDE ELEVATION

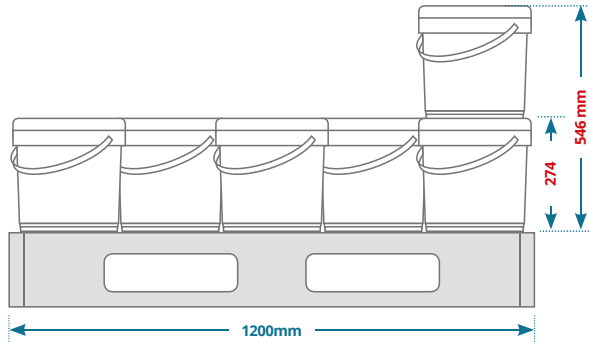
Pallet: 100cm x 120cm

Ropac® MP 10 LH SECURE



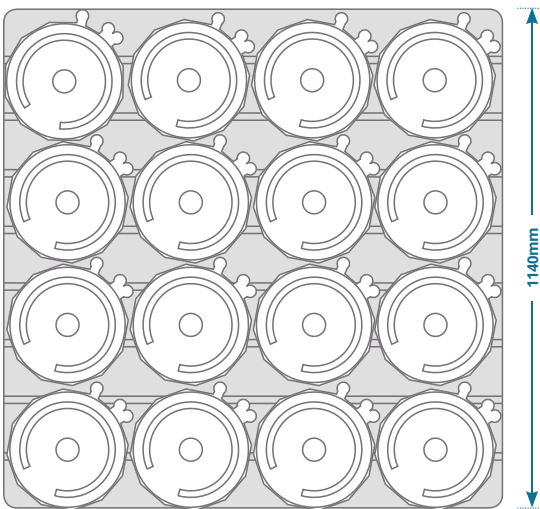
PLAN ELEVATION

STANDARD PALLETISATION



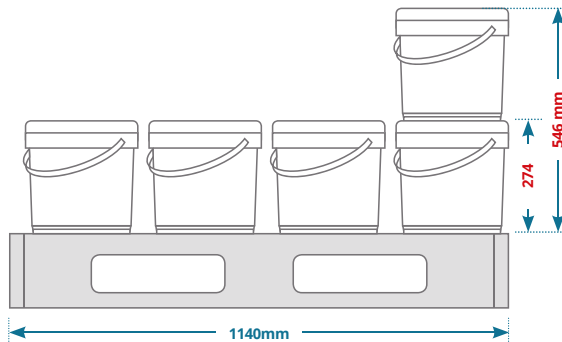
SIDE ELEVATION

Pallet: 80cm x 120cm



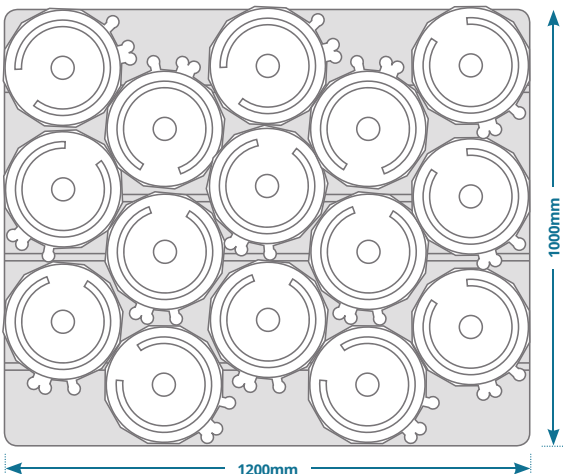
PLAN ELEVATION

PALLETISATION FOR SEA CONTAINER



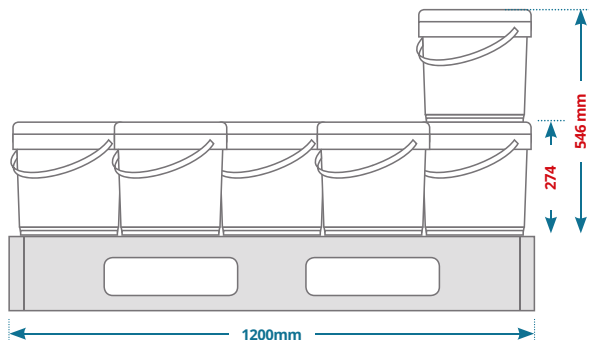
SIDE ELEVATION

Pallet: 114cm x 114cm



PLAN ELEVATION

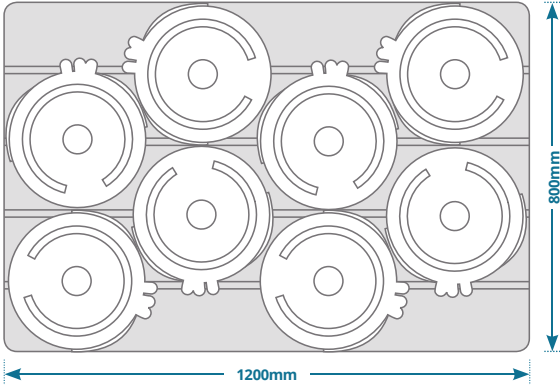
SPECIAL PALLETISATION ON REQUEST



SIDE ELEVATION

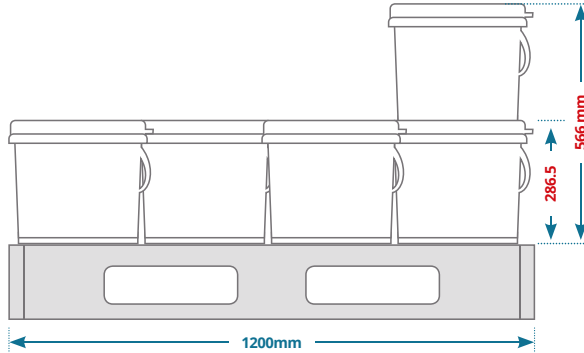
Pallet: 100cm x 120cm

Ropac® MP 15 LH SECURE



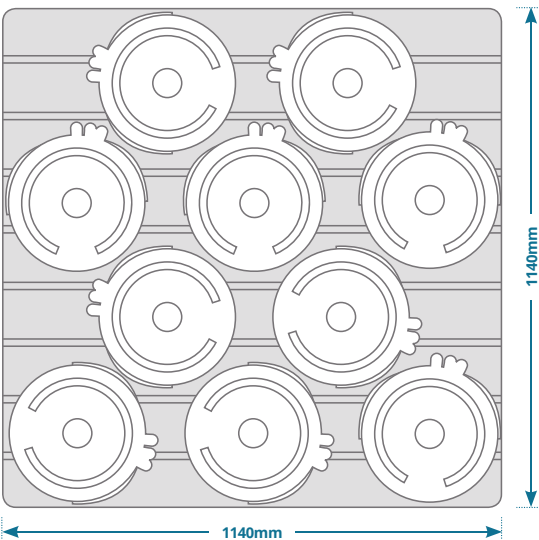
PLAN ELEVATION

STANDARD PALLETISATION



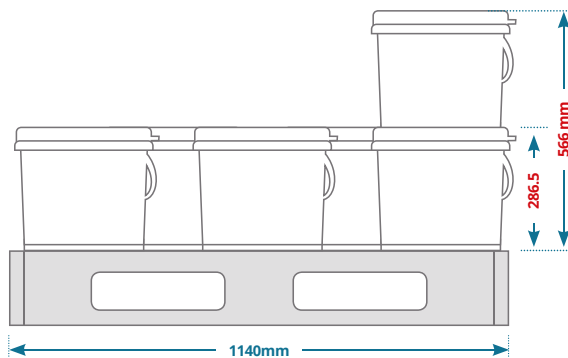
SIDE ELEVATION

Europallet: 80cm x 120cm



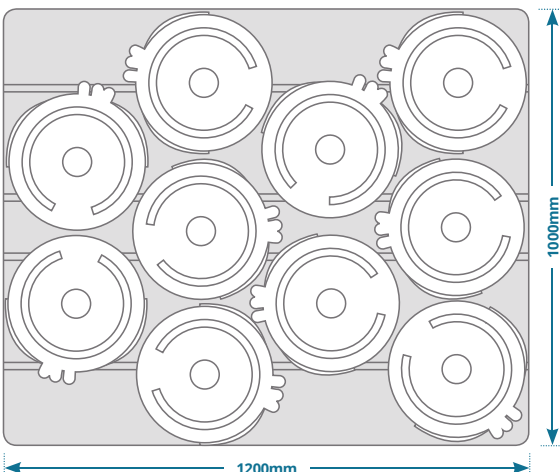
PLAN ELEVATION

PALLETISATION FOR SEA CONTAINER



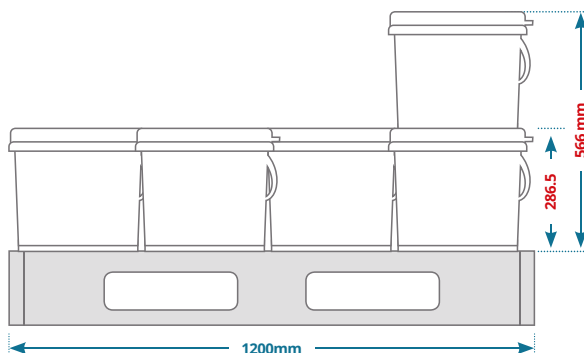
SIDE ELEVATION

Pallet: 114cm x 114cm



PLAN ELEVATION

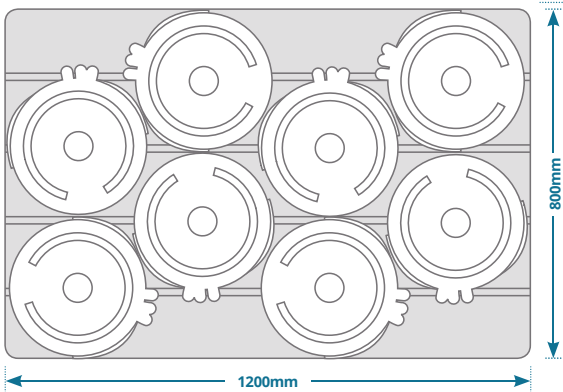
SPECIAL PALLETISATION ON REQUEST



SIDE ELEVATION

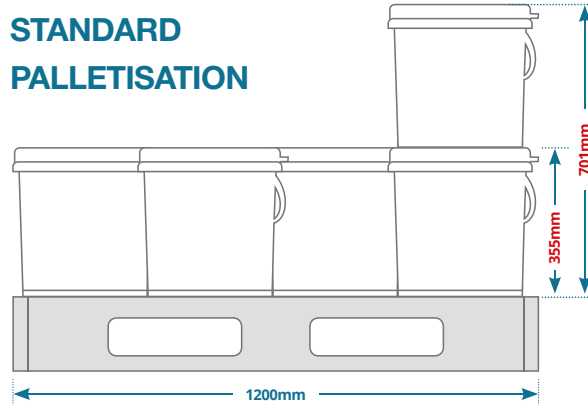
Pallet: 100cm x 120cm

Ropac® MP 20 LH SECURE



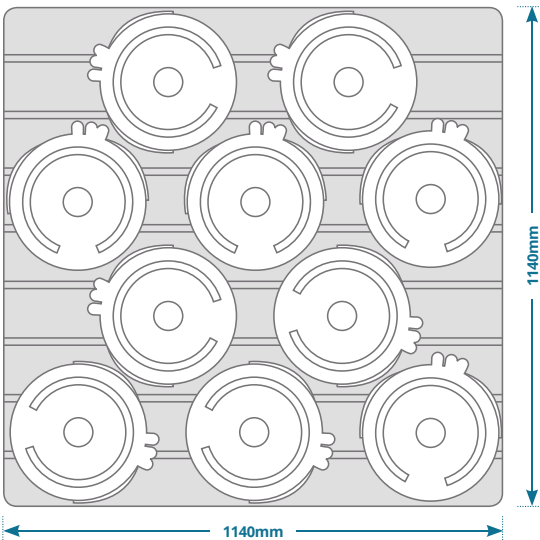
PLAN ELEVATION

STANDARD PALLETISATION



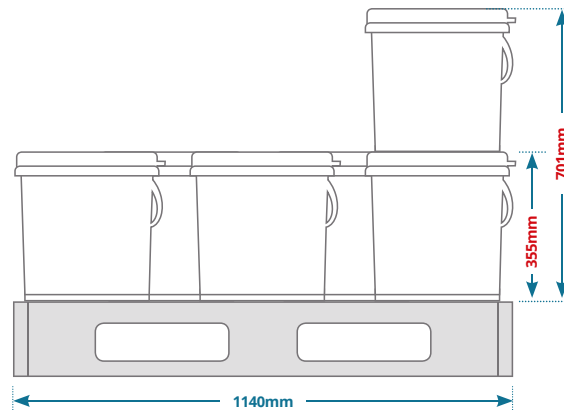
SIDE ELEVATION

Europallet: 80cm x 120cm



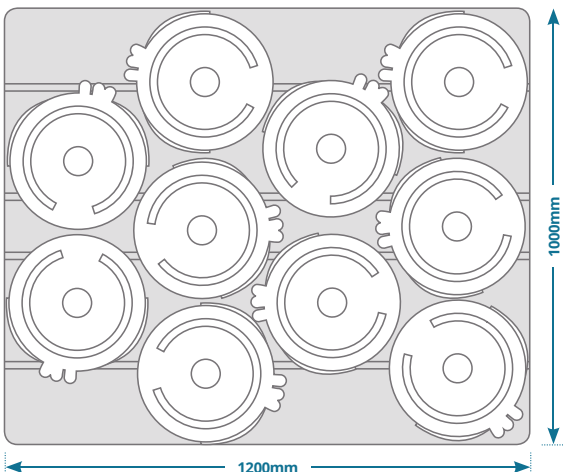
PLAN ELEVATION

PALLETISATION FOR SEA CONTAINER



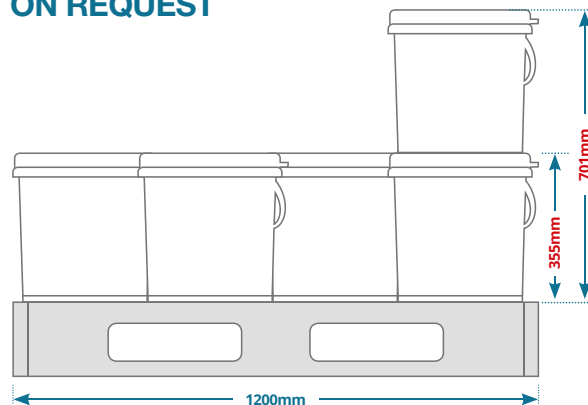
SIDE ELEVATION

Pallet: 114cm x 114cm



PLAN ELEVATION

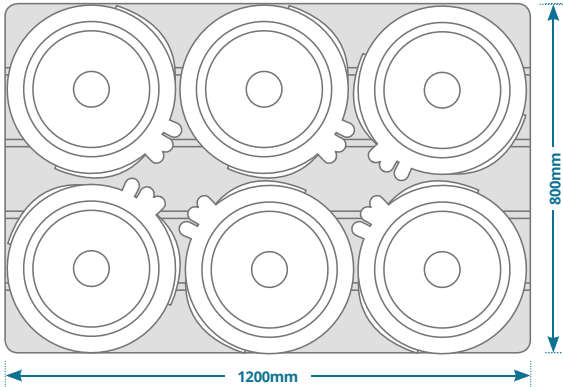
SPECIAL PALLETISATION ON REQUEST



SIDE ELEVATION

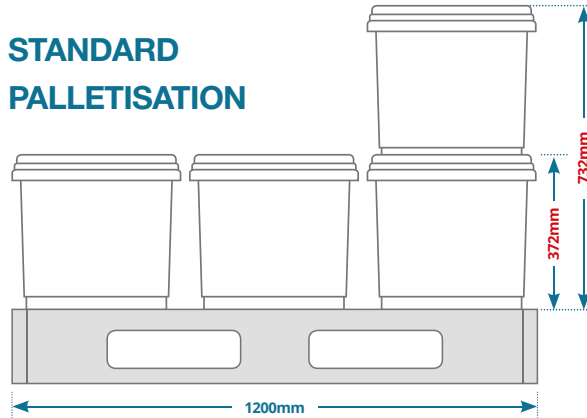
Pallet: 100cm x 120cm

Ropac® MP 31 LH SECURE



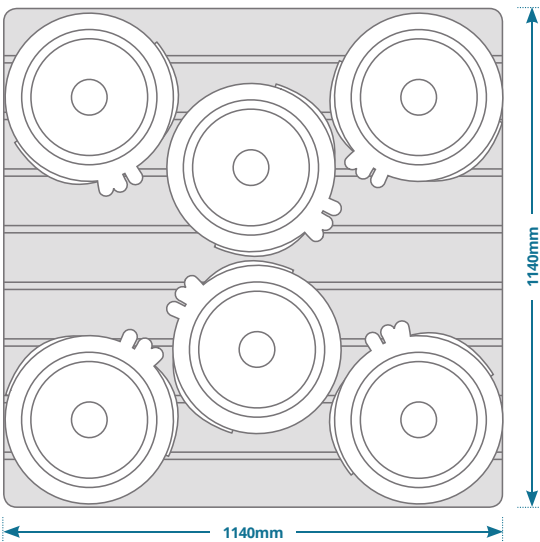
PLAN ELEVATION

STANDARD PALLETISATION



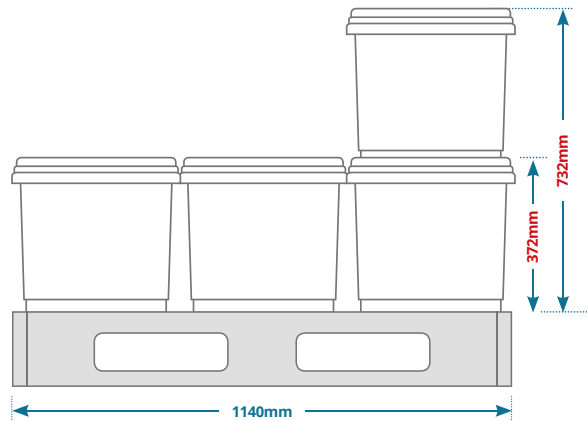
SIDE ELEVATION

Europallet: 80cm x 120cm



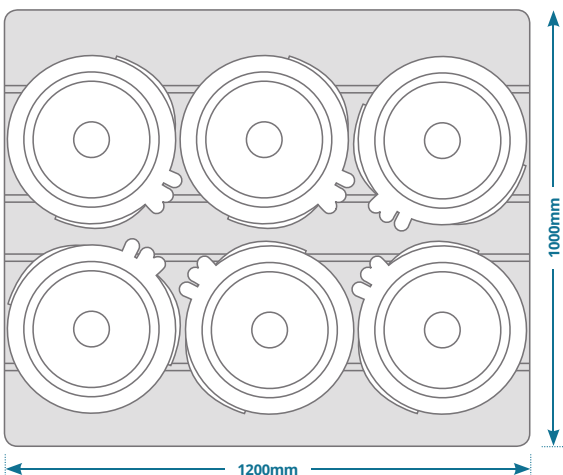
PLAN ELEVATION

PALLETISATION FOR SEA CONTAINER



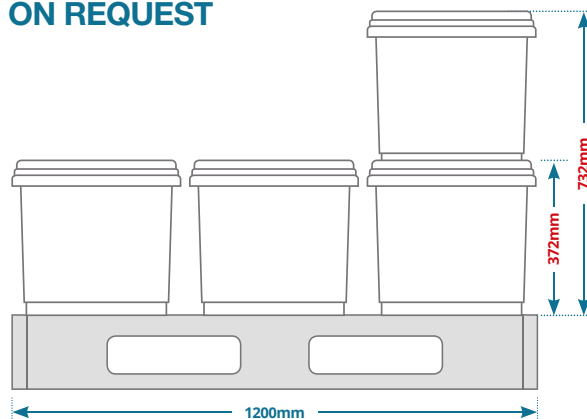
SIDE ELEVATION

Pallet: 114cm x 114cm



PLAN ELEVATION

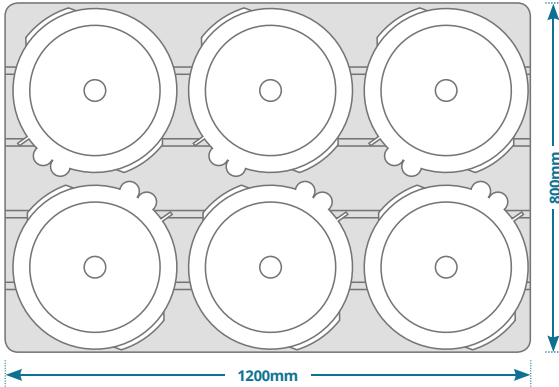
SPECIAL PALLETISATION ON REQUEST



SIDE ELEVATION

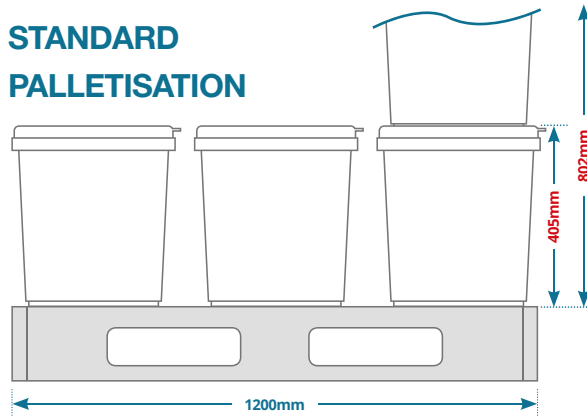
Pallet: 100cm x 120cm

Ropac® MP 32 LH SECURE



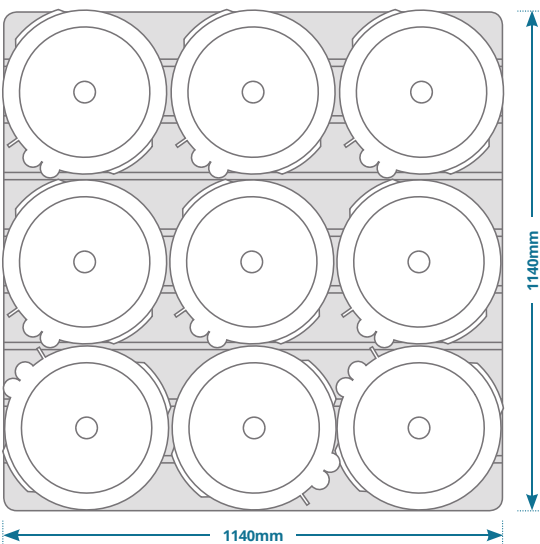
PLAN ELEVATION

STANDARD PALLETISATION



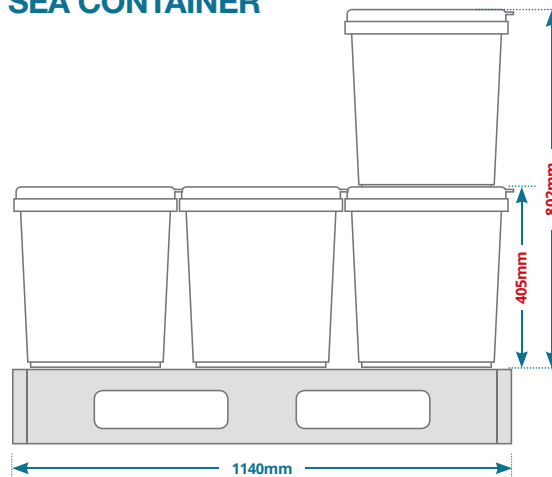
SIDE ELEVATION

Pallet: 80cm x 120cm



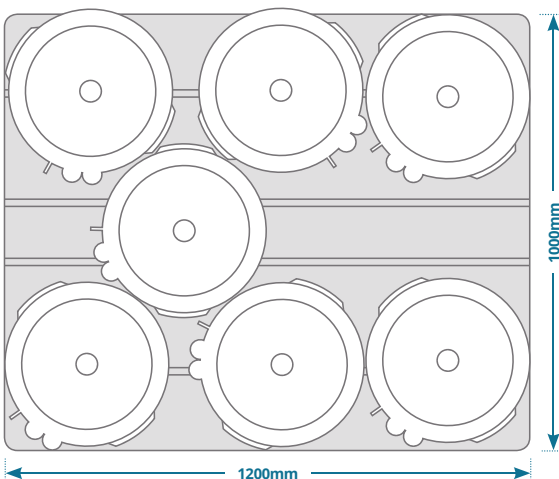
PLAN ELEVATION

PALLETISATION FOR SEA CONTAINER



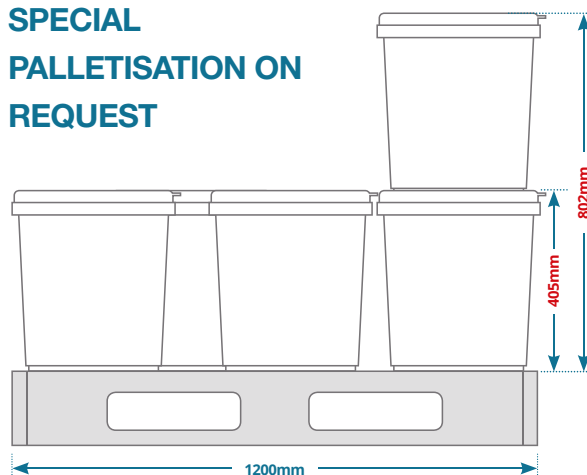
SIDE ELEVATION

Pallet: 114cm x 114cm



PLAN ELEVATION

SPECIAL PALLETISATION ON REQUEST



SIDE ELEVATION

Pallet: 100cm x 120cm

Contact ROPAC®

Schoeller Allibert Swiss Sàrl
Route de la Condémine 11
CH -1680 Romont

Tel: +41 26 651 92 11

Email: info.switzerland@schoellerallibert.com



Schoeller Allibert



PREMIUM
PACKAGING
PROTECTION

www.ropac-packaging.com