



Technical guidelines for packaging & loading

TECHLAM®
Ceramics

LEVANTINA
THE NATURAL STONE COMPANY

1.	PACKAGING TYPES USED BY TECHLAM®. CHARACTERISTICS	3
1.1.	HORIZONTAL CRATE 3250x1170x380 mm	3
1.2.	HORIZONTAL CRATE WITH LID AND RUNNER 3250x1170x380 mm	4
1.3.	HORIZONTAL CRATE 3250x1170x260 mm	5
1.4.	HORIZONTAL CRATE WITH LID AND RUNNER 3250x1170x260 mm	6
1.5.	HORIZONTAL CRATE 3250x1170x200 mm	7
1.6.	VERTICAL CRATE 3250x550x1330 mm	8
1.7.	CAGE 1160x1160x620 mm	9
1.8.	CAGE 1650x1160x420 mm	11
1.9.	BUNDLE CRATE	12
1.10.	VERTICAL FRAME CRATE	13
1.11.	OTHER PACKAGING ARTICLES	14
1.12.	TABLE SUMMARISING PACKAGING TYPES AND THEIR MAIN CHARACTERISTICS	15
1.13.	OTHER DETAILS OF INTEREST	16
2.	PACKING LIST DEPENDING ON MEANS OF TRANSPORT USED.	16
2.1.	STANDARD 20-FOOT CONTAINER	16
2.1.1.	LOADING 3250x1170x380 mm HORIZONTAL CRATES WITH LID AND RUNNER	17
2.1.2.	LOADING 3250x1170x260 mm HORIZONTAL CRATES WITH LID AND RUNNER	18
2.1.3.	LOADING 3250x550x1330 mm VERTICAL CRATES	19
2.1.4.	LOADING A COMBINATION OF 3250x550x1330 mm VERTICAL CRATES + 3250x1170x380 mm HORIZONTAL CRATES WITH LID AND RUNNER	20
2.1.5.	LOADING 1160x1160x620 mm CAGES	21
2.1.5.1.	1000x1000 mm TILE FORMAT	22
2.1.5.2.	1000x500 mm TILE FORMAT	22
2.1.5.3.	500x500 mm TILE FORMAT	23
2.1.5.4.	500x300 mm TILE FORMAT	24
2.1.5.5.	1000x200 mm TILE FORMAT	25
2.1.6.	LOADING 1650x1160x420 mm CAGES	25
2.2.	STANDARD 40-FOOT CONTAINER	27
2.2.1.	LOADING 3250x1170x380 mm HORIZONTAL CRATES WITH LID AND RUNNER	28
2.2.2.	LOADING 3250x1170x260 mm HORIZONTAL CRATES WITH LID AND RUNNER	29
2.2.3.	LOADING 1650x1160x420 mm CAGES	30
2.2.4.	LOADING 1160x1160x620 mm CAGES	31
2.2.4.1.	1000x1000 mm TILE FORMAT	31
2.2.4.2.	1000x500 mm TILE FORMAT	31
2.2.4.3.	500x500 mm TILE FORMAT	31
2.2.4.4.	500x300 mm TILE FORMAT	31
2.2.4.5.	1000x200 mm TILE FORMAT	31
2.3.	7-METRE PLATFORM	31
2.3.1.	LOADING 3250x1170x380 mm HORIZONTAL CRATES	32
2.3.2.	LOADING 3250x1170x260 mm HORIZONTAL CRATES	33
2.3.3.	LOADING 1160x1160x620 mm CAGES	34
2.3.3.1.	1000x1000 mm TILE FORMAT	34
2.3.3.2.	1000x500 mm TILE FORMAT	35
2.3.3.3.	500x500 mm TILE FORMAT	36
2.3.3.4.	500x300 mm TILE FORMAT	37
2.3.3.5.	1000x200 mm TILE FORMAT	38
2.3.4.	LOADING 1650x1160x420 mm CAGES	39
2.4.	13-METRE PLATFORM	40
2.4.1.	LOADING 3250x1170x380 mm HORIZONTAL CRATES	40
2.4.2.	LOADING 3250x1170x260 mm HORIZONTAL CRATES	41
2.4.3.	LOADING 1160x1160x620 mm CAGES	42
2.4.3.1.	1000x1000 mm TILE FORMAT	42
2.4.3.2.	1000x500 mm TILE FORMAT	42
2.4.3.3.	500x500 mm TILE FORMAT	42
2.4.3.4.	500x300 mm TILE FORMAT	42
2.4.3.5.	1000x200 mm TILE FORMAT	42
2.4.4.	LOADING 1650x1160x420 mm CAGES	42
2.4.4.1.	500x1000 mm TILE FORMAT	42

1. 1. PACKAGING TYPES USED BY TECHLAM®. CHARACTERISTICS

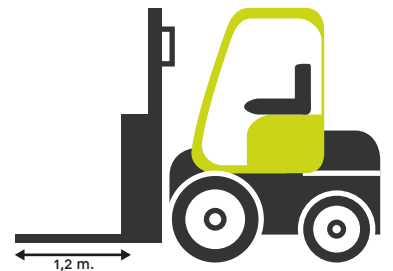
1.1. HORIZONTAL CRATE 3250x1170x380 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	1170	380	82	4
Interiors	3145	1075	230		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M² PER CRATE	GROSS WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 mm unrectified format.	3	50	150	1.165
	3+R	46	138	1.189
	5	35	105	1.348
	5+R	33	99	1.408
	6	25	75	1.282
	10	15	45	1.162

USE	To pack slabs in the following formats (mm): 3000x1000 or 3000x1000 unrectified.
LOAD	Good for loads in side-loading trailers and platforms.
EQUIPMENT NEEDED	Forklift with forks 1.20 m long.



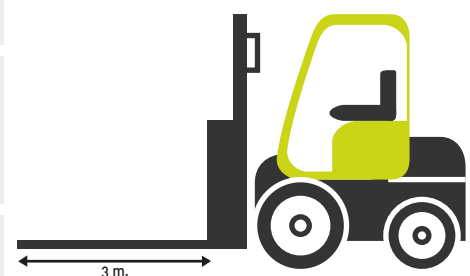
1.2. HORIZONTAL CRATE WITH LID AND RUNNER 3250x1170x380 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	1170	480	125	4
Interiors	3145	1075	230		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 mm unrectified format.	3	50	150	1.165
	3+R	46	138	1.189
	5	35	105	1.348
	5+R	33	99	1.408
	6	25	75	1.282
	10	15	45	1.162

USE	To pack slabs in the following formats (mm): 3000x1000 or 3000x1000 unrectified.
LOAD	Mainly for loading in containers to better protect the load. Fork extensions must be fitted on the forklift. Also good for loads in side-loading trailers and platforms.
EQUIPMENT NEEDED	A 3 m fork extender must be fitted to the forklift to handle and load the crate from the short side



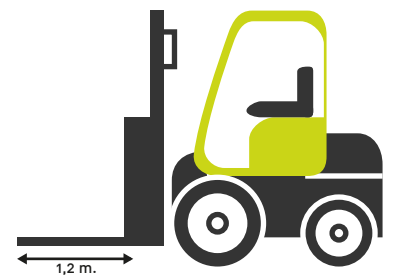
1.3. HORIZONTAL CRATE 3250x1170x260 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	1170	260	65	6
Interiors	3145	1075	100		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 mm unrectified format.	3	25	75	605
	3+R	20	60	545
	5	16	48	642
	5+R	15	45	666
	6	14	42	737
	10	7	21	569

USE	To pack slabs in the following formats (mm): 3000x1000 or 3000x1000 unrectified.
LOAD	Good for loads in side-loading trailers and platforms.
EQUIPMENT NEEDED	Forklift with forks 1.20 m long.



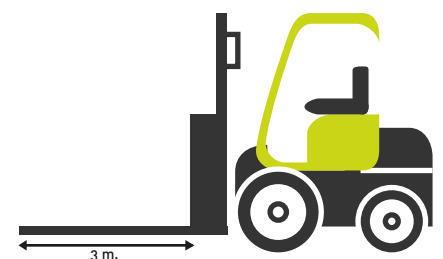
1.4. HORIZONTAL CRATE WITH LID AND RUNNER 3250x1170x260 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	1170	360	105	6
Interiors	3145	1075	100		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 mm unrectified format.	3	25	75	605
	3+R	20	60	545
	5	16	48	642
	5+R	15	45	666
	6	14	42	737
	10	7	21	569

USE	To pack slabs in the following formats (mm): 3000x1000 or 3000x1000 unrectified.
LOAD	Mainly for loading in containers to better protect the load. Fork extensions must be fitted on the forklift. Also good for loads in side-loading trailers and platforms.
EQUIPMENT NEEDED	A 3 m fork extender must be fitted to the forklift to handle and load the crate from the short side.



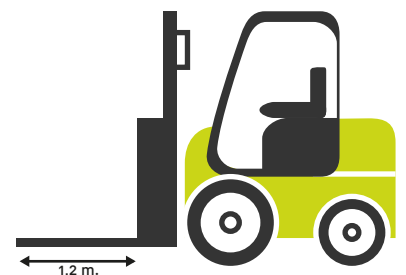
1.5. HORIZONTAL CRATE 3250x1170x200 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	1170	200	45	11
Interiors	3145	1075	50		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 mm unrectified format.	3	7	21	197
	3+R	5	15	165
	5	4	12	189
	5+R	3	9	165
	6	3	9	189
	10	2	6	189

USE	To pack slabs in the following formats (mm): 3000x1000 or 3000x1000 unrectified.
LOAD	Good for loads in side-loading trailers and platforms.
EQUIPMENT NEEDED	Forklift with forks 1.20 m long.



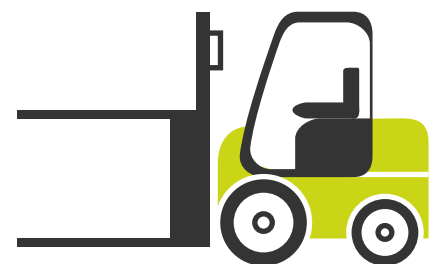
1.6. VERTICAL CRATE 3250x550x1330 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	550	1330	185	1
Interiors	3115	480	1085		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 mm unrectified format.	3	130	390	2983
	3+R	110	330	2815
	5	80	240	3061
	5+R	75	225	3181
	6	70	210	3545
	10	39	117	2993

USE	To pack slabs in the following formats (mm): 3000x1000 or 3000x1000 unrectified.
LOAD	Only good for loading in 20-foot containers.
EQUIPMENT NEEDED	A hydraulic forklift is needed to load marble slabs.



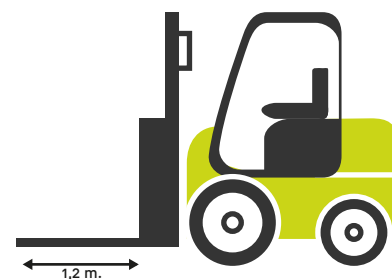
1.7. CAGE 1160x1160x620 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	1160	1160	620	25	3
Interiors	1075	1075	450		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M² PER CRATE	GROSS WEIGHT PER CRATE (KG)
1000x1000 mm	3	110	110	817
	3+R	100	100	825
	5	80	80	987
	5+R	75	75	1027
	6	55	55	945

USE	To pack tiles in the following formats (mm): 1000x1000 / 1000x500 / 500x500 / 500x300 / 1000x200
LOAD	For loading side-loading trailers, containers and platforms.
EQUIPMENT NEEDED	Forklift with forks 1.20 m long.



CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
1000x500 mm	3	220	110	817
	3+R	200	100	825
	5	160	80	987
	5+R	150	75	1027
	6	110	55	945

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
500x500 mm	3	440	110	817
	3+R	400	100	825
	5	320	80	987
	5+R	300	75	1027
	6	220	55	945

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
500x300 mm	3	660	99	738
	3+R	600	90	745
	5	480	72	891
	5+R	450	67,5	927
	6	330	49,5	817

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
1000x200 mm	3	440	88	659
	3+R	400	80	665
	5	320	64	795
	5+R	300	60	827
	6	220	44	729

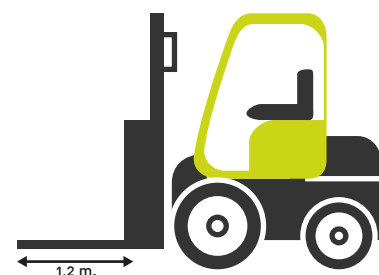
1.8. CAGE 1650x1160x420 mm



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	1160	1160	420	25	5
Interiors	1075	1075	250		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
1500x1000 mm	3	55	110	817
	3+R	50	100	825
	5	45	80	987
	5+R	39	75	1027
	6	25	55	945

USE	To pack tiles in the following formats (mm): 1500x1000 / 1500x500.
LOAD	For loading side-loading trailers, containers and platforms.
EQUIPMENT NEEDED	Forklift with forks 1.20 m long.



1.8 CAGE 1650x1160x420 mm

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
1500x500 mm	3	110	110	817
	3+R	100	100	825
	5	90	80	987
	5+R	78	75	1027
	6	50	55	945

1.9. BUNDLE CRATE

The crates used to place a bundle vertically are 3250x1170x380 mm and 3250x1170x260 mm horizontal crates, so the load capacities can be seen in the tables for each of them.



+



=



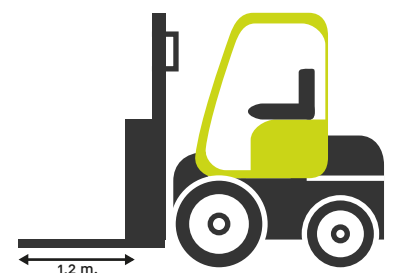
CRATE BUNDLE 3250x1170x380 mm

DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	540	2120	147	1
Interiors	3145	230	1080		

CRATE BUNDLE 3250x1170x260 mm

DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	540	2120	130	1
Interiors	3145	100	1080		

USE	To pack slabs in the following formats (mm): 3000x1000 or 3000x1000 unrectified.
LOAD	Good for loads in side-loading trailers and platforms.
EQUIPMENT NEEDED	Forklift with forks 1.20 m long.



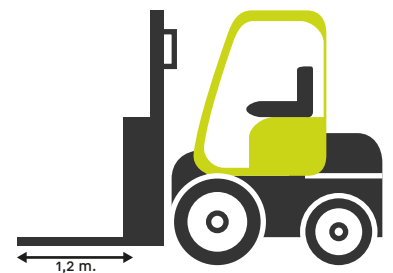
1.10. VERTICAL FRAME CRATE



DIMENSIONS (mm)	LENGTH	WIDTH	HEIGHT	NET CRATE WEIGHT (KG)	MAXIMUM STACK HEIGHT
Exteriors	3250	500	1350	35	1
Interiors	3145	1075	230		

CRATE CAPACITY	THICKNESS (mm)	UNITS PER CRATE	M ² PER CRATE	GROSS WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 mm unrectified format.	3	6	18	165
	3+R	5	15	165
	5	4	12	189
	5+R	3	9	165
	6	3	9	189
	10	2	6	189

USE	To pack loose slabs in the following formats (mm): 3000x1000 /3000x1000 unrectified.
LOAD	For loading side-loading trailers, containers and platforms.
EQUIPMENT NEEDED	Forklift with forks 1.20 m long.



1.11. OTHER PACKAGING ARTICLES

Lid for horizontal crates



Wooden lid for closing and protecting horizontal crates (used for containers and air freight).

LID WEIGHT (KG)	NUMBER OF LIDS PER CRATE
40	1

Runner to fit on horizontal crates



Runner (wooden plank) placed under horizontal crates to allow loading into containers from the short side.

RUNNER WEIGHT (KG)	NUMBER OF RUNNERS PER CRATE
10	2



1.12. TABLE SUMMARISING PACKAGING TYPES AND THEIR MAIN CHARACTERISTICS

PACKAGING DESCRIPTION	EXTERIOR DIMENSIONS (mm)			INTERIOR DIMENSIONS (mm)			NET PACKAGING WEIGHT (KG)
	LENGTH	WIDTH	HEIGHT	LENGTH	WIDTH	HEIGHT	
3250x1170x380 horizontal crate (*)	3250	1170	380	3145	1075	230	82
3250x1170x260 horizontal crate (*)	3250	1170	260	3145	1075	100	65
3250x1170x200 horizontal crate	3250	1170	200	3145	1075	50	45
3250x550x1330 vertical crate	3250	550	1330	3115	480	1085	185
Vertical bundle crate	3250	540	2120	Depending on use, a horizontal crate 380 or 260 mm high			65 kg + weight of horizontal crate used
Vertical frame crate	3250	500	1350	3145	1075	60	35
1160x1160x620 cage	1160	1160	620	1075	1075	450	25
1650x1160x420 cage	1650	1160	420	1560	1075	250	25
Europallet	1200	800	145	-	-	-	27
Lid for horizontal crate	3250	1170	-	-	-	-	40
Runner for horizontal crate	-	-	100	-	-	-	20 kg/crate

(*) Add 100 mm to the exterior height of crates with runners.

1.13. OTHER DETAILS OF INTEREST (WEIGHT PER m² SLAB DEPENDING ON THICKNESS)

SLAB THICKNESS (mm)	WEIGHT (KG/m ²)
3	7,2
3+R	8
5	12
5+R	13,36
6	16
9	22
10	26

2. PACKING LIST DEPENDING ON MEANS OF TRANSPORT USED

2.1. STANDARD 20-FOOT CONTAINER

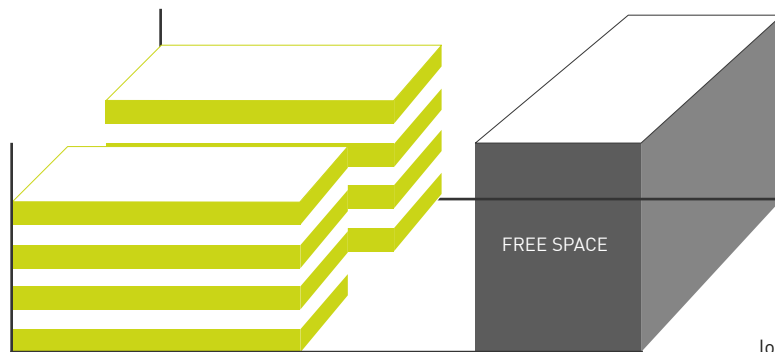


INTERNAL DIMENSIONS (METRES)	LENGTH	WIDTH	HEIGHT
	5,88	2,35	2,39

2.1.1. LOADING 3250x1170x380 mm HORIZONTAL CRATES WITH LID AND RUNNER



View of 3250x1170x380 mm horizontal crate with lid and runner.



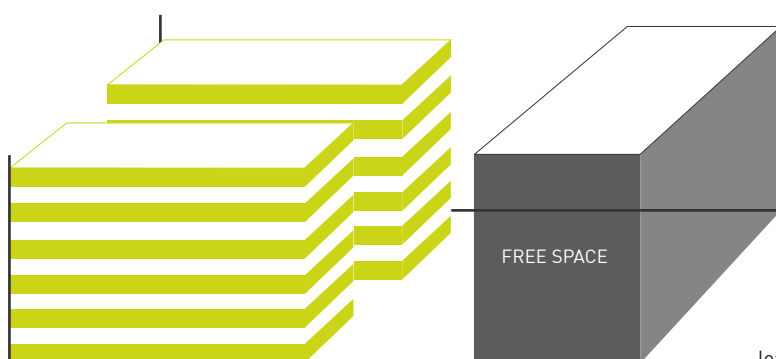
20-foot container.
load stacked 4 high.

Layout of crates in the container.

TILE FORMAT (mm)	THICKNESS (mm)	Nº OF CRATES	UNITS PER CRATE	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 / 3000x1000 unrectified	3	8	50	150	1200	1080
	3+R	8	46	138	1104	1104
	5	8	33	99	792	1190
	5+R	8	30	90	720	1202

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	1165	8640	9320	2690x2350x2390	14680
	1189	8832	9512	2690x2350x2390	14488
	1275	9523	10203	2690x2350x2390	13797
	1287	9619	10299	2690x2350x2390	13701

2.1.2. LOADING 3250x1170x260 mm HORIZONTAL CRATES WITH LID AND RUNNER



View of 3250x1170x260 mm horizontal crate with runner.

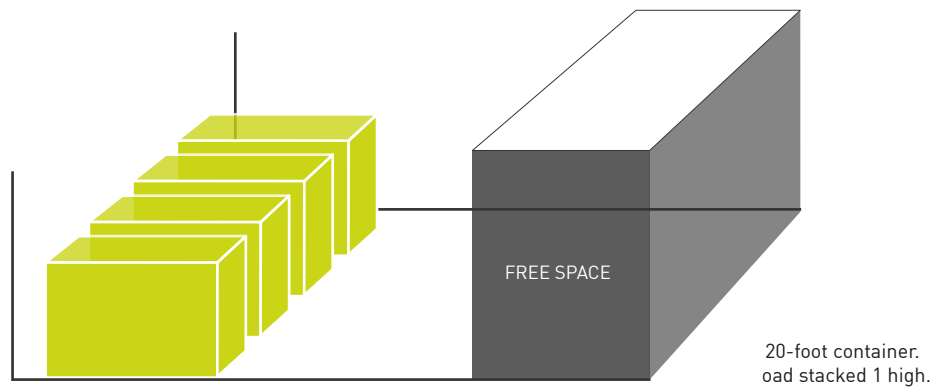
TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 /3000x1000 unrectified	3	12	25	75	900	540
	3+R	12	20	60	720	480
	5	12	16	48	576	577
	5+R	12	15	45	540	601

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 /3000x1000 unrectified	605	6480	7260	2690x2350x2390	16740
	545	5760	6540	2690x2350x2390	17460
	642	6926	7706	2690x2350x2390	16294
	666	7.214	7.994	2690x2350x2390	16006

2.1.3. LOADING 3250x550x1330 mm VERTICAL CRATES



View of 3250x550x1330 mm vertical crate.



Layout of crates in the container.

TILE FORMAT (mm)	THICKNESS (MM)	N° OF CRATES	UNITS PER CRATE	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 / 3000x1000 unrectified	3	4	130	390	1560	2808
	3+R	4	110	330	1320	2640
	5	4	80	240	960	2886
	5+R	4	75	225	900	3006

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	2983	11232	11932	2690x2350x2390	12068
	2815	10560	11260	2690x2350x2390	12740
	3061	11543	12243	2690x2350x2390	11757
	1287	9619	10299	2690x2350x2390	13701

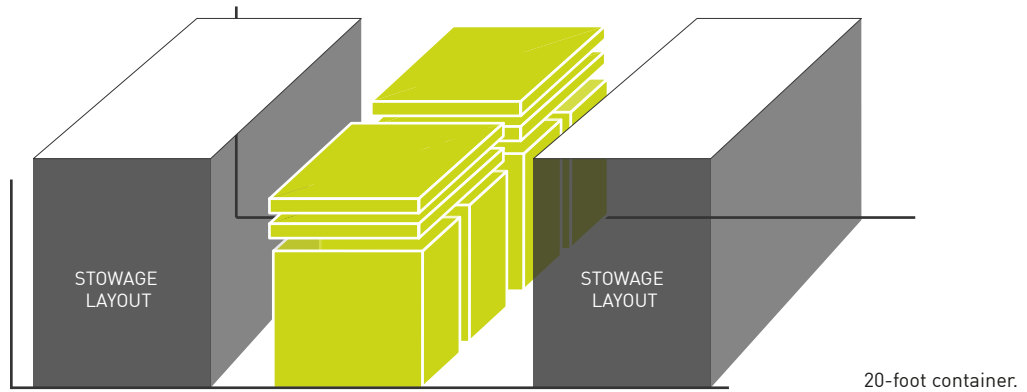
2.1.4. LOADING A COMBINATION OF 3250x550x1330 mm VERTICAL CRATES + 3250x1170x380 mm HORIZONTAL CRATES WITH LID AND RUNNER



3250x550x1330 mm vertical crate



3250x1170x380 mm horizontal crate with runner.



Layout of crates in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	CRATE TYPE	UNITS PER CRATE	M ² PER CRATE	M ² CONTAINER	NET WEIGHT PER CRATE (KG)
3000x1000 / 3000x1000 unrectified	3	4	Vertical	130	390	1560	2808
		4	Horizontal	50	150	600	1080
		TOTAL					2160
	3+R	4	Vertical	110	310	1320	2640
		4	Horizontal	46	138	552	1104
		TOTAL					1872
	5	4	Vertical	80	240	960	2886
		4	Horizontal	35	105	420	1263
		TOTAL					1380
	5+R	4	Vertical	75	225	900	3006
		4	Horizontal	33	99	396	1323
		TOTAL					1296

TILE FORMAT (mm)	THICKNESS (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	3	2983	11232	11932	All space taken up	
		1165	4320	4660		
		-	15552	16592		
	3+R	2815	10560	11260	All space taken up	
		1189	4416	4756		
		-	14976	16016		
	5	3091	11543	12243	All space taken up	
		1348	5050	5390		
		-	16593	17633		
	5+R	3181	12024	12724	All space taken up	
		1408	5291	5631		
		-	17315	18355		

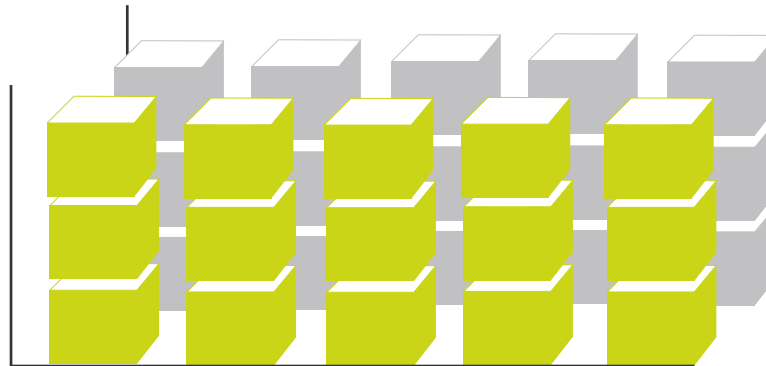
2.1.5. LOADING 1160x1160x620 mm CAGES

2.1.5.1. 1000x1000 mm TILE FORMAT



View of 1160x1160x620 mm cage.

2.1.5.1. 1000x1000 mm TILE FORMAT



20-foot container
Load stacked 3 high

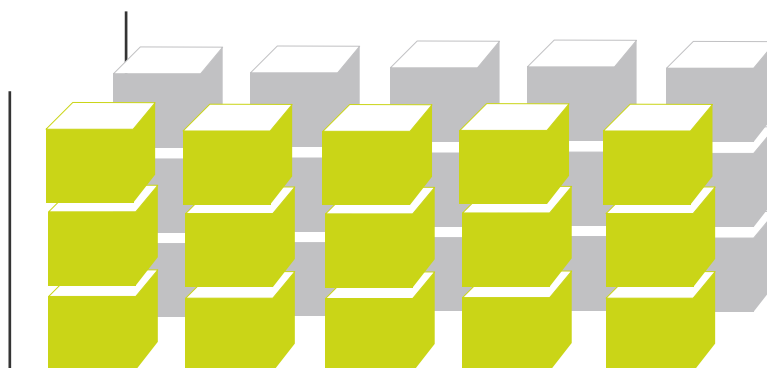
Layout of cages in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
1000x1000	3	30	110	110	3300	792
	3+R	29	100	100	2900	800
	5	24	80	80	1920	962
	5+R	23	75	75	1725	1002

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1000x1000	817	23760	24510	All space taken up	0
	825	23200	23925	All space taken up	0
	987	23086	23686	All space taken up	0
	1027	23046	23621	All space taken up	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.1.5.2. 1000X500 mm TILE FORMAT



20-foot container.
load stacked 3 high.

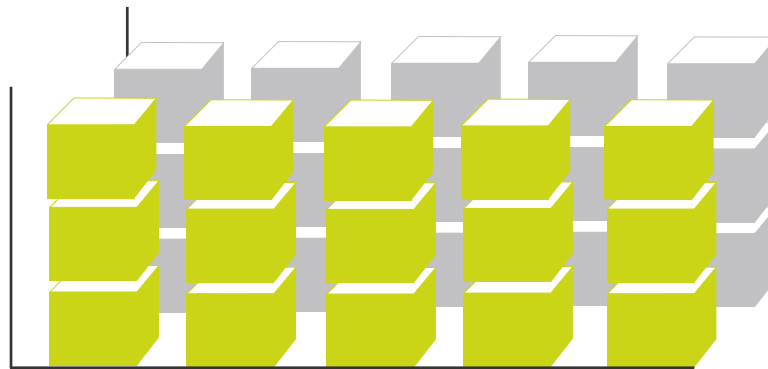
Layout of cages in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
1000x500	3 (*)	30	220	110	3300	792
	3+R	29	200	100	2900	800
	5	24	160	80	1920	962
	5+R	23	150	75	1725	1002

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1000x500	817	23760	24510	All space taken up	0
	825	23200	23925	All space taken up	0
	987	23086	23686	All space taken up	0
	1027	23046	23621	All space taken up	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.1.5.3. 500X500 mm TILE FORMAT



Layout of cages in the container.

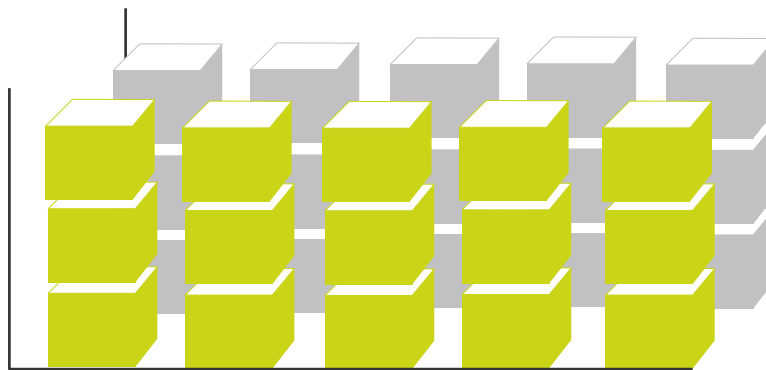
20-foot container
load stacked 3 high

TILE FORMAT (mm)	THICKNESS (MM)	N° OF CRATES	UNITS PER CRATE (**)	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
500x500	3 (*)	30	110	110	3300	792
	3+R	29	100	100	2900	800
	5	24	80	80	1920	962
	5+R	23	75	75	1725	1002

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
500x500	817	23760	24510	All space taken up	0
	825	23200	23925	All space taken up	0
	987	23086	23686	All space taken up	0
	1027	23046	23621	All space taken up	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.1.5.4. 500X300 mm TILE FORMAT



20-foot container.
load stacked 3 high.

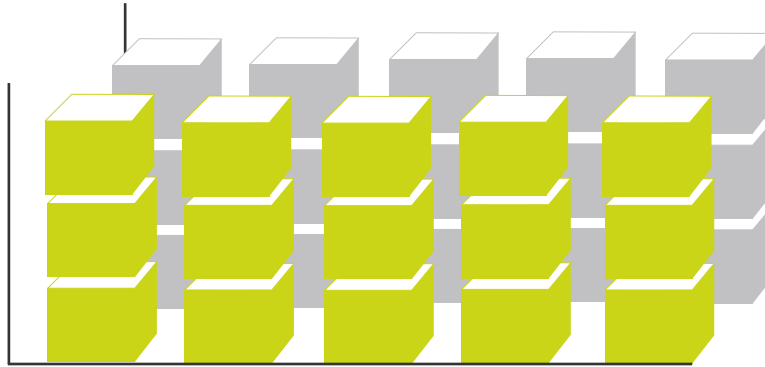
Layout of cages in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
500x300	3 (*)	30	660	99	2970	713
	3+R	30	600	90	2700	720
	5	27	480	72	1944	866
	5+R	26	450	67,5	1755	902

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
500x300	738	21384	22134	All space taken up	0
	745	21600	22350	All space taken up	0
	891	23375	24050	All space taken up	0
	927	23447	24097	All space taken up	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.1.5.5. 1000x200 mm TILE FORMAT



20-foot container.
load stacked 3 high.

Layout of cages in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
1000x200	3 (*)	30	440	88	2640	634
	3+R	30	400	80	2400	640
	5	27	320	64	1728	770
	5+R	26	300	60	1560	802

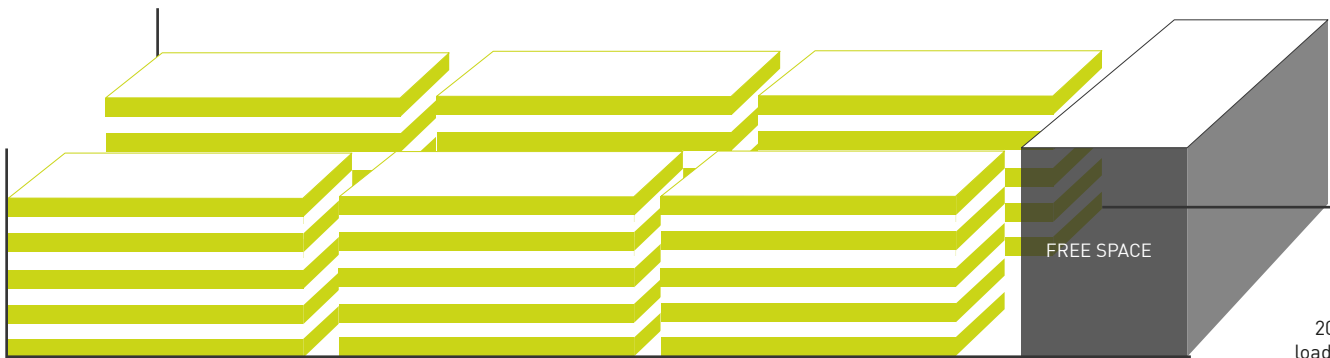
TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1000x200	659	19008	19758	All space taken up	0
	665	19200	19950	All space taken up	0
	795	20777	21452	All space taken up	0
	827	20842	21492	All space taken up	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.1.6. LOADING 1650x1160x420 mm CAGES



View of 1650x1160x420 mm cage.



Layout of cages in the container

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
1500x1000	3	30	55	82,5	2475	594
	3+R	30	55	82,5	2475	594
	5	30	55	82,5	2475	594
	5+R	29	39	58,5	1697	782

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1500x1000	619	17820	18570	850x2350x2390	5430
	625	18000	18750	850x2350x2390	5250
	837	23537	24262	All space taken up	0
	807	22665	23390	All space taken up	0

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
1500x500	3	30	110	82,5	2475	594
	3+R	30	100	75	2250	600
	5	29	90	67,5	1958	812
	5+R	29	78	58,5	1697	782

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1500x500	619	17820	18570	850x2350x2390	5430
	625	18000	18750	850x2350x2390	5250
	837	23537	24262	All space taken up	0
	807	22665	23390	All space taken up	0

2.2. STANDARD 40-FOOT CONTAINER



	LENGTH	WIDTH	HEIGHT
INTERNAL DIMENSIONS (METRES)	12	2,35	2,39

2.2.1. LOADING 3250x1170x380 mm HORIZONTAL CRATES WITH LID AND RUNNER



View of 3250x1170x380 mm horizontal crate with lid and runner



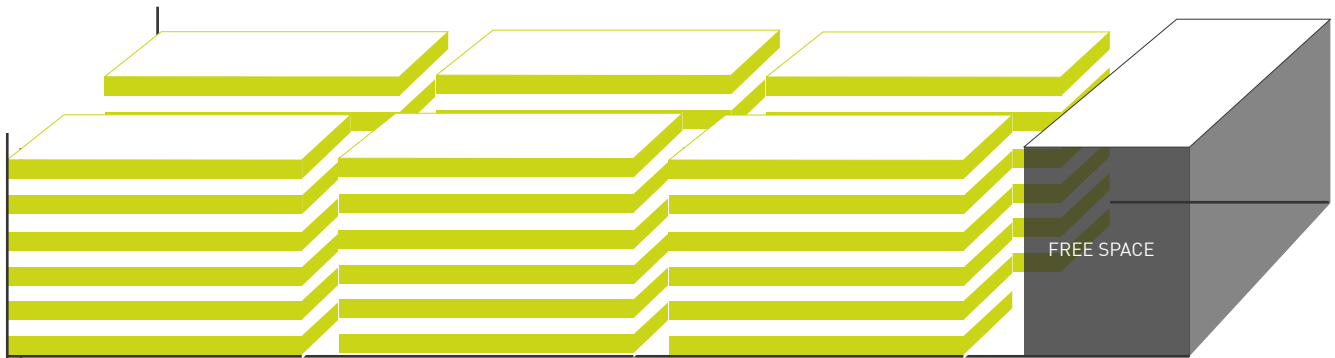
Layout of crates in the container.

40-foot container.
load stacked 4 high.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 / 3000x1000 unrectified	3	20	50	150	3000	1080
	3+R	20	46	138	2760	1104
	5	19	33	99	1881	1190
	5+R	18	30	90	1620	1202

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	1165	21600	23300	2490x2350x2390 mm	700
	1189	22080	23780	2490x2350x2390 mm	220
	1275	22617	24232	All space taken up	0
	1287	21643	23173	2490x2350x2390 mm	827

2.2.2. LOADING 3250x1170x260 mm HORIZONTAL CRATES WITH LID AND RUNNER



View of 3250x1170x260 mm horizontal crate

40-foot container:
load stacked 6 high.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (*)	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 / 3000x1000 unrectified	3 (*)	36	25	75	2700	540
	3+R (*)	36	20	60	2160	480
	5	36	16	48	1728	577
	5+R	36	15	45	1620	601

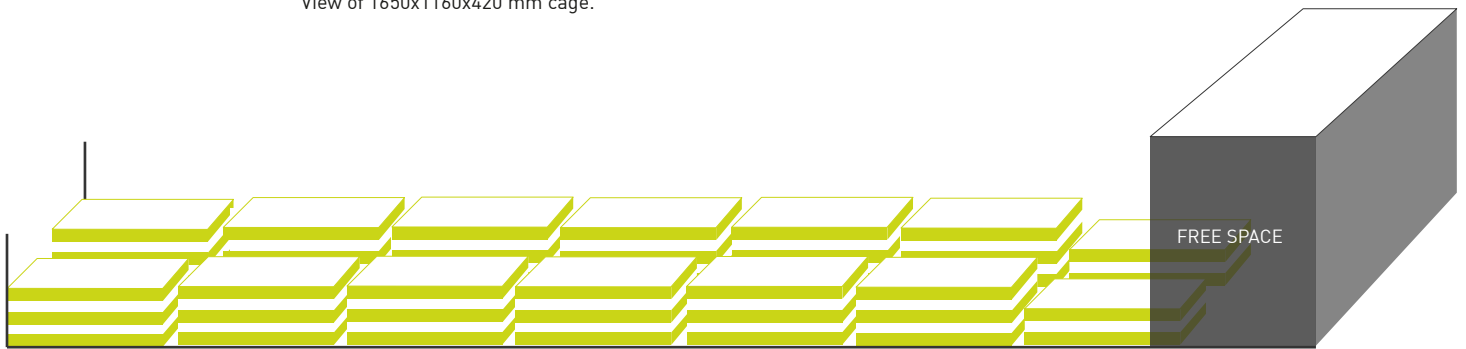
TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	605	19440	21780	2490x2350x2390 mm	2220
	545	17280	19620	2490x2350x2390 mm	4380
	642	20777	23117	2490x2350x2390 mm	883
	666	21643	23983	All space taken up	0

(*)N.B.: in this case the load is limited by the maximum number of stackable crates.

2.2.3. LOADING 1650x1160x420 mm CAGES



View of 1650x1160x420 mm cage.



Layout of crates in the container.

40-foot container
load stacked 3 high

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
1500x1000	3 (*)	39	55	82,5	3218	594
	3+R (*)	39	50	75	2925	600
	5	29	45	67,5	1958	812
	5+R	29	39	58,5	1697	782

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1500x1000	619	23166	24141	All space taken up	0
	625	23400	24375	All space taken up	0
	837	23537	24262	All space taken up	0
	807	22665	23390	All space taken up	0

2.2.4. LOADING 1160x1160x620 mm CAGES

2.2.4.1. 1000X1000 mm FORMAT

Same layout and number of cages as in the 20-foot container.

2.2.4.2. 1000X500 mm FORMAT

Same layout and number of cages as in the 20-foot container.

2.2.4.3. 500X500 mm FORMAT

Same layout and number of cages as in the 20-foot container.

2.2.4.4. 500X300 mm FORMAT

Same layout and number of cages as in the 20-foot container.

2.2.4.5. 1000X200 mm FORMAT

Same layout and number of cages as in the 20-foot container.

In 40-foot containers the 1160x1160x620 mm cage loading capacity is the same as in a 20-foot container as the maximum load of 24 tonnes is already reached (so it is not possible to load more packages into a 40-foot container).

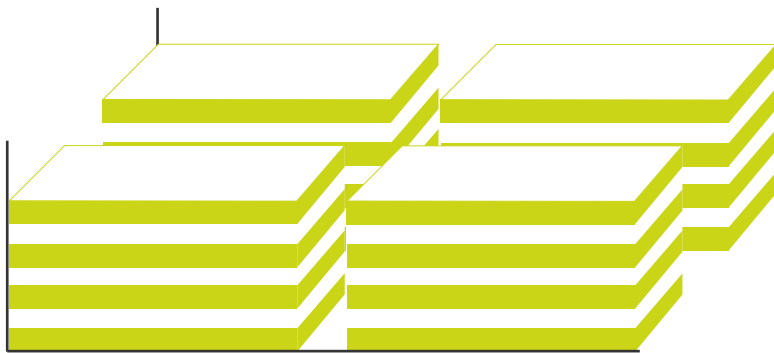
2.3. 7-METRE PLATFORM



2.3.1. LOADING 3250x1170x380 mm HORIZONTAL CRATES



View of 3250x1170x380 mm horizontal crate.



7-metre platform.
load stacked 4 high

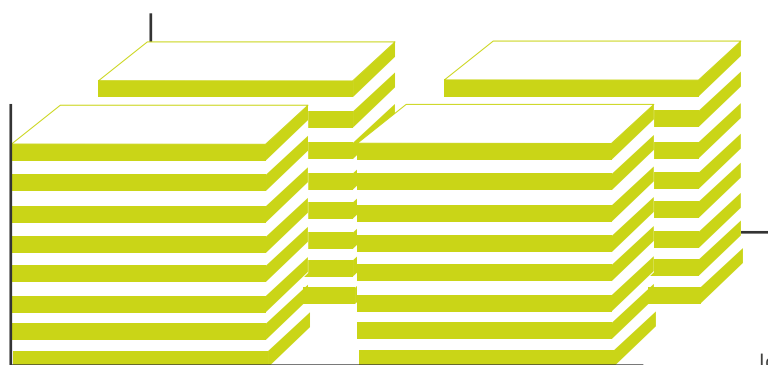
Layout of crates on the platform

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 / 3000x1000 unrectified	3	16	50	150	2400	1080
	3+R	16	46	138	2208	1104
	5	16	35	105	1680	1263
	5+R	16	33	99	1584	1323

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	1165	17280	18640	All space taken up	0
	1189	17664	19024	All space taken up	0
	1348	20200	21560	All space taken up	0
	1408	21162	22522	All space taken up	0

N.B.: in this case the load is limited by the maximum number of stackable crates.

2.3.2. LOADING 3250x1170x260 mm HORIZONTAL CRATES



7-metre platform.
load stacked 8 high.

View of 3250x1170x260 mm horizontal crate.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 / 3000x1000 unrectified	3	32	25	75	2400	540
	3+R	32	20	60	1920	480
	5	32	16	48	1536	577
	5+R	32	15	45	1440	601

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	605	17280	19360	All space taken up	0
	545	15360	17440	All space taken up	0
	642	18469	20549	All space taken up	0
	666	19238	21318	All space taken up	0

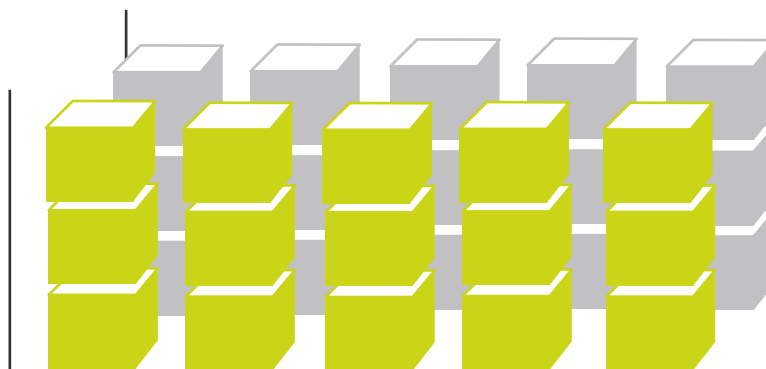
N.B.: in this case the load is limited by the maximum number of stackable crates.

2.3.3. LOADING 1160x1160x620 mm CAGES



View of 1160x1160x620 mm cage.

2.3.3.1. 1000X1000 mm TILE FORMAT



7-metre platform.
load stacked 3 high.

Layout of cages in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
1000x1000	3	30	110	110	3300	792
	3+R	29	100	100	2900	800
	5	24	80	80	1920	962
	5+R	23	75	75	1725	1002

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1000x1000	817	23760	24510	All space taken up	0
	825	23200	23925	All space taken up	0
	987	23086	23686	All space taken up	0
	1027	23046	23621	Takes up the entire space	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.3.3.2. 1000X500 mm TILE FORMAT



7-metre platform.
load stacked 3 high.

Layout of cages in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
1000x500	3	30	220	110	3300	792
	3+R	29	200	100	2900	800
	5	24	160	80	1920	962
	5+R	23	150	75	1725	1002

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1000x500	817	23760	24510	Takes up the entire space	0
	825	23200	23925	Takes up the entire space	0
	987	23086	23686	Takes up the entire space	0
	1027	23046	23621	Takes up the entire space	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.3.3.3. 500x500 mm TILE FORMAT



7-metre platform.
load stacked 3 high.

Layout of cages in the container

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
500x500	3	30	440	110	3300	792
	3+R	29	400	100	2900	800
	5	24	320	80	1920	962
	5+R	23	300	75	1725	1002

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
500x500	817	23760	24510	Takes up the entire space	0
	825	23200	23925	Takes up the entire space	0
	987	23086	23686	Takes up the entire space	0
	1027	23046	23621	Takes up the entire space	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.3.3.4. 500X500 mm TILE FORMAT



7-metre platform
load stacked 3 high

Layout of cages in the container.

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE (**)	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
500x300	3	33	660	99	3267	713
	3+R	32	600	90	2880	720
	5	27	480	72	1944	866
	5+R	26	450	67,5	1755	902

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
500x300	738	23522	24347	Takes up the entire space	0
	745	23040	23840	Takes up the entire space	0
	891	23375	24050	Takes up the entire space	0
	927	23447	24097	Takes up the entire space	0

(**) Unboxed tile capacity. Ask regarding boxed orders (the load will be slightly smaller).

2.3.3.5. 1000X200 mm TILE FORMAT



7-metre platform.
load stacked 3 high.

Layout of cages in the container.

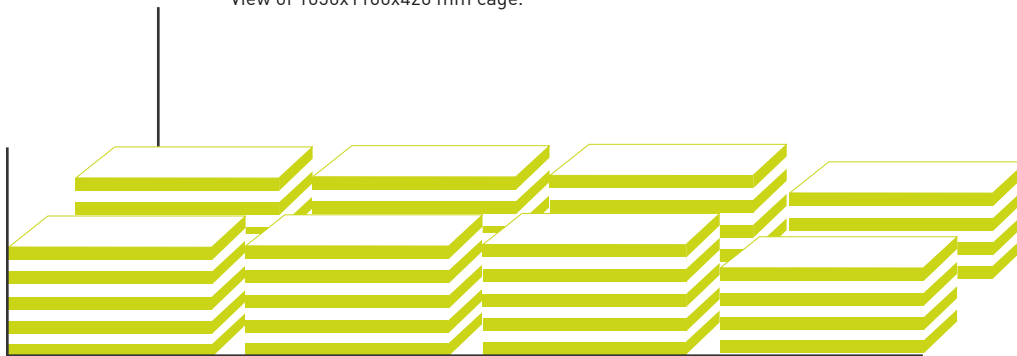
TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
1000x200	3	30	440	88	2640	634
	3+R	30	400	80	2400	640
	5	27	320	64	1728	770
	5+R	26	300	60	1560	802

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1000x200	659	19008	19758	Takes up the entire space	0
	665	19200	19950	Takes up the entire space	0
	795	20777	21452	Takes up the entire space	0
	827	20842	21492	Takes up the entire space	0

2.3.4. LOADING 1650x1160x420 mm CAGES



View of 1650x1160x420 mm cage.



Layout of crates on the platform.

7-metre platform
load stacked 5 high

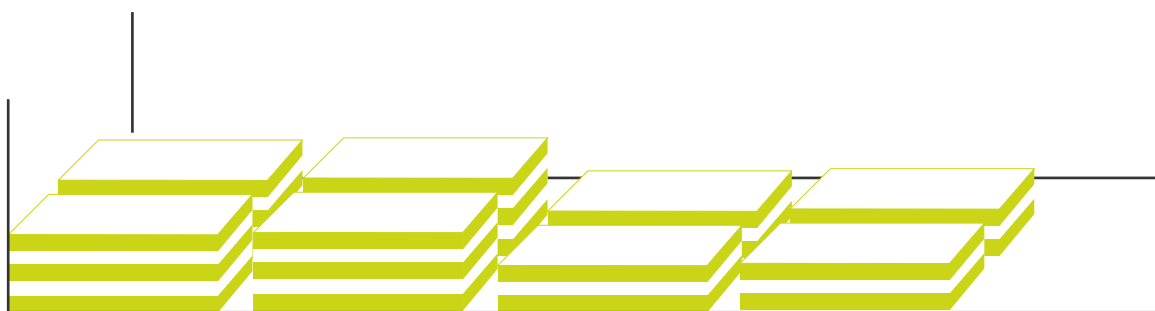
TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M ² PER CRATE	M ² CONTAINER	NET CRATE WEIGHT (KG)
1500x1000	3	39	55	82,5	3218	594
	3+R	39	50	75	2925	600
	5	29	45	67,5	1958	812
	5+R	29	39	58,5	1697	782

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
1500x1000	619	23166	24141	Takes up the entire space	0
	625	23400	24375	Takes up the entire space	0
	837	23537	24262	Takes up the entire space	0
	807	22665	23390	Takes up the entire space	0

2.4. 13-METRE PLATFORM



2.4.1. LOADING 3250x1170x380 mm HORIZONTAL CRATES



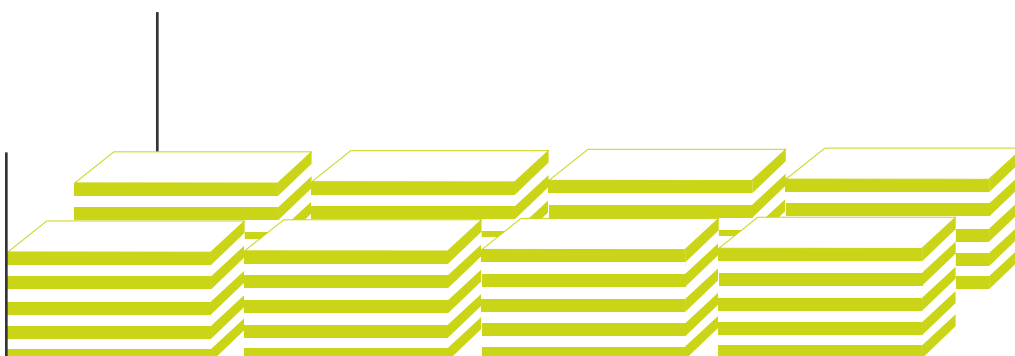
Layout of crates on the platform

13-metre platform
load stacked 3 high

TILE FORMAT (mm)	THICKNESS (mm)	N° OF CRATES	UNITS PER CRATE	M² PER CRATE	M² CONTAINER	NET CRATE WEIGHT (KG)
3000x1000 / 3000x1000 unrectified	3	20	50	150	3000	1080
	3+R	20	46	138	2760	1104
	5	18	35	105	1890	1263
	5+R	17	33	99	1683	1323
	6	18	25	75	1350	1200

TILE FORMAT (mm)	GROSS WEIGHT PER CRATE (KG)	TOTAL NET WEIGHT (KG)	TOTAL GROSS WEIGHT (KG)	APPROX. FREE SPACE IN (mm)	APPROX. AVAILABLE LOAD (KG)
3000x1000 / 3000x1000 unrectified	1165	21600	23300	Takes up the entire space	0
	1189	22080	23780	Takes up the entire space	0
	1348	22725	24255	Takes up the entire space	0
	1408	22485	23930	Takes up the entire space	0
	1285	21600	23130	Takes up the entire space	0

2.4.2. LOADING 3250X1170X260 mm HORIZONTAL CRATES



View of de 3250x1170x260 mm crate.

13-metre platform load stacked 5 high

2.4.3. LOADING 1160x1160x620 mm CAGES

2.4.3.1. 1000X1000 mm FORMAT

Same layout as in the 40-foot container.

2.4.3.2. 1000X500 mm FORMAT

Same layout as in the 40-foot container.

2.4.3.3. 500X500 mm FORMAT

Same layout as in the 40-foot container.

2.4.3.4. 500X300 mm FORMAT

Same layout as in the 40-foot container.

2.4.4. LOADING 1650X1160X420 mm CAGES

2.4.4.1. 500X1000 mm TILE FORMAT

Same layout as in the 40-foot container.