



Product range April 2023

www.lankhorst-recycling.com

PRODUCT RANGE – April 2023



Lankhorst Recycling Products have been making high quality sustainable products from recycled plastic since 1975. KLP®, the brand name for our products, stands for quality and durability. This range contains all our standard products.

Sales conditions

Our sales conditions are filed at the Office of the District Court in Leeuwarden, the Netherlands and printed on the reverse of this range.

Dimensional tolerances

The dimensions specified in this range are the global production sizes for the respective articles. All articles made by Lankhorst Recycling Products have a dimensional tolerance of $\pm 2\%$.

Quality

Improvements in the quality of construction and/or design can be implemented without prior notification. Slight colour variations can occur between articles from different production batches. Unless specified otherwise, the product colour is KLP® black. Other colours (including grey, brown and white) are available on request.

Information

To request specific or additional product information please use the digital form on our website:

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This Product range list replaces all previous publications.

2023 version 1



INHOUDSOPGAVE

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KLP® PRODUCTS

Material properties KLP® Compound

Density	Coefficient of expansion	Flexural modulus
800 kg/m³	1,5 mm/m/10 °C	1.000 N/mm²

KLP®-H Diamond head bollards X-base with red/white strips

Article code	Dimensions	Pcs/pack	Colour
243807	15,0 x 15,0 x 140 cm	25	black

KLP®-H Diamond head bollards X-base without strips

Article code	Dimensions	Pcs/pack	Colour
243805	15,0 x 15,0 x 140 cm	25	black

KLP® Round bollards including base point

Chamfered top

Article code	Dimensions	Pcs/pack
231838	7,5 x 180 cm	61
230092	10,0 x 300 cm	37

KLP® Round bollards excluding base point

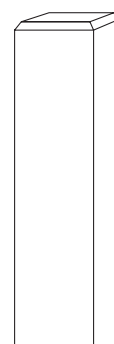
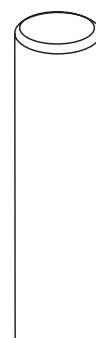
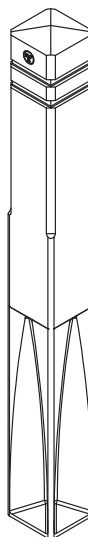
Chamfered top

Article code	Dimensions	Pcs/pack
230113	15,0 x 300 cm	10
240310	15,0 x 400 cm	10

KLP® Square posts including base point

Chamfered top

Article code	Dimensions	Pcs/pack
230022	5,3 x 5,3 x 150 cm	100
230030	5,3 x 5,3 x 185 cm	100
231827	8,0 x 8,0 x 160 cm	25
231824	8,0 x 8,0 x 200 cm	25
231826	8,0 x 8,0 x 250 cm	25
245044	8,0 x 8,0 x 300 cm	25
230316	10,0 x 10,0 x 120 cm	25
230155	10,0 x 10,0 x 180 cm	25
230049	10,0 x 10,0 x 215 cm	25
230148	10,0 x 10,0 x 250 cm	25
230146	10,0 x 10,0 x 300 cm	25





KLP® Planks and beams excluding base point

Article code	Dimensions	Pcs/pack
231981	6,0 x 2,0 x 250 cm	100
231909	10,0 x 2,5 x 250 cm	100
231897	10,0 x 3,0 x 300 cm	100
240988	10,0 x 3,0 x 360 cm	100
231990	15,0 x 3,0 x 300 cm	50
232680	7,0 x 4,0 x 250 cm	50
231898	14,0 x 4,0 x 300 cm	50
244999	17,0 x 4,0 x 360 cm	40
231913	20,0 x 4,0 x 325 cm	40
240101	10,0 x 5,0 x 360 cm	50
231899	15,0 x 5,0 x 325 cm	50
231880	12,0 x 6,0 x 200 cm	50
231940	12,0 x 6,0 x 300 cm	50
231002	7,0 x 7,0 x 250 cm	25
231029	15,0 x 7,0 x 250 cm	50
245073	15,0 x 7,0 x 368 cm	25
245101	16,0 x 8,0 x 400 cm	25
232390	10,0 x 10,0 x 300 cm	25
233293*	12,0 x 12,0 x 360 cm	25
231123*	15,0 x 15,0 x 360 cm	15
245027	15,0 x 15,0 x 500 cm	15

* with diamondhead



KLP® Planks white

Article code	Dimensions	Pcs/pack
231922	10,0 x 3,0 x 300 cm	50
230145	14,0 x 4,0 x 300 cm	50

Skid resistance according to NEN 7909

	Dry	Wet
KLP® Deck	0,37μ	0,32μ
Bankirai	0,41μ	0,27μ

KLP® Deck black and brown

Article code	Dimensions	Pcs/pack
233877 / 233878	15,0 x 3,0 x 300 cm	50
245031 / 245061	15,0 x 3,0 x 390 cm	50
233886 / 233887	18,0 x 3,9 x 325 cm	40
233889 / 233890	20,0 x 4,7 x 325 cm	40
240888 / 245075	20,0 x 4,7 x 390 cm	20



KLP® -V Deck glass fiber reinforced

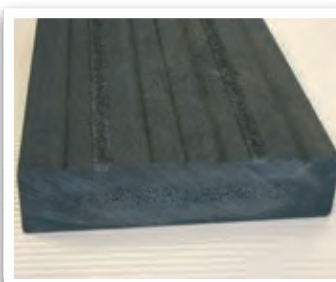
Article code	Dimensions	Pcs/pack
233891	20,0 x 4,7 x 325 cm	40
245043	20,0 x 4,7 x 390 cm	20

KLP® Deck including 2 black grip strips

Article code	Dimensions	Pcs/pack	Colour*
245293	20,0 x 4,7 x 390 cm	50	black

KLP® grip strips are two narrow solid 2-component epoxy strips which are placed in a milled channel topped with a high quality aggregate.

*Other colors available on request



KLP® Gripstrip



KLP® Tongue-and-groove panelling

Article code	Dimensions	Pcs/pack
231139	15,0 x 2,0 x 250 cm	150
232151	14,0 x 2,8 x 250 cm	98
232148	14,0 x 3,2 x 250 cm	98
240698	14,0 x 3,8 x 264 cm	98



KLP®-V GLASS FIBER REINFORCED PRODUCTS

Material properties KLP®-V Glass fiber reinforced

Density	Coefficient of expansion	Flexural modulus
870 kg/m ³	0,8 mm/m ¹ /10 °C	2.000 N/mm ²

KLP®-V Posts including base point

Article code	Dimensions	Pcs/pack
231248	8,0 x 8,0 x 200 cm	25
231249	8,0 x 8,0 x 250 cm	25
230157	10,0 x 10,0 x 180 cm	25
231823	10,0 x 10,0 x 215 cm	25
231825	10,0 x 10,0 x 250 cm	25
231829	10,0 x 10,0 x 300 cm	25

KLP®-V Beams

Article code	Dimensionse	Pcs/pack
240209	15,0 x 5,0 x 325 cm	50
245077	15,0 x 7,0 x 365 cm	25
245103	16,0 x 8,0 x 400 cm	25
241829	10,0 x 10,0 x 315 cm	25

KLP®-S STEEL REINFORCED BEAMS

The recycled plastic beams are produced using a unique process developed and patented by Lankhorst. Four steel reinforcement bars are integrated and encased within the plastic during the moulding process. For a cleaner look, choose the arched beam.



KLP®-S Steel reinforced (cross-) beams

Article code	Dimensions	Maximum length	Reinforcement
245083	14,5 x 7,0 cm	500 cm	S12
245157	16,0 x 8,0 cm	400 cm	S16
245156	18,0 x 8,0 cm	500 cm	S16
245105	10,0 x 10,0 cm	520 cm	S16
240143A	25,0 x 15,0 cm	520 cm	S16

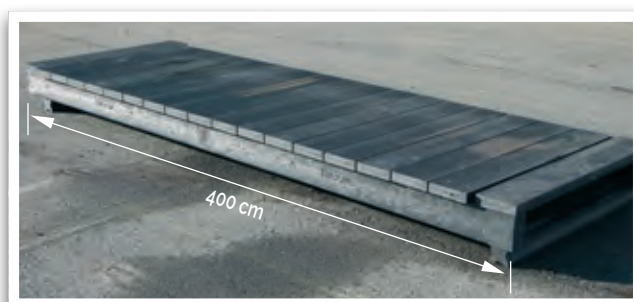
Other dimensions on request.

Material properties

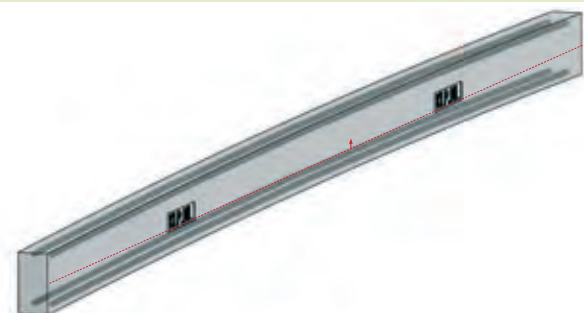
Density	Coefficient of expansion	Flexural modulus
1170 kg/m ³	0,1 mm/m ¹ /10 °C	267 kNm ²
1290 kg/m ³	0,1 mm/m ¹ /10 °C	465 kNm ²
1240 kg/m ³	0,1 mm/m ¹ /10 °C	672 kNm ²
1380 kg/m ³	0,1 mm/m ¹ /10 °C	170 kNm ²
995 kg/m ³	0,1 mm/m ¹ /10 °C	1552 kNm ²

KLP®-S Arched beams

Article code	Dimensions	Length	Reinforcement	Arched
240127	16,0 x 8,0 cm	400 cm	S16	0,8 cm
245059	24,0 x 9,0 cm	500 cm	S20	2,0 cm



Weight	Coefficient of expansion	Flexural modulus
1290 kg/m ³	0,1 mm/m ¹ /10 °C	461 kNm ²
1230 kg/m ³	0,1 mm/m ¹ /10 °C	1624 kNm ²

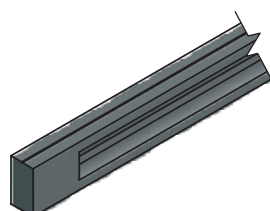
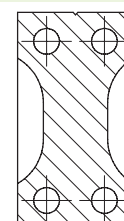


KLP®-S I-beams

Article code	Dimensions	Maximum length	Reinforcement
240141	13,5 x 7,0 cm	400 cm	S16

Material properties

Weight	Coefficient of expansion	Flexural modulus
47,5 kg/stuk	0,1 mm/m ¹ /10 °C	275 kNm ²





KLP® LANDING STAGES & JETTIES

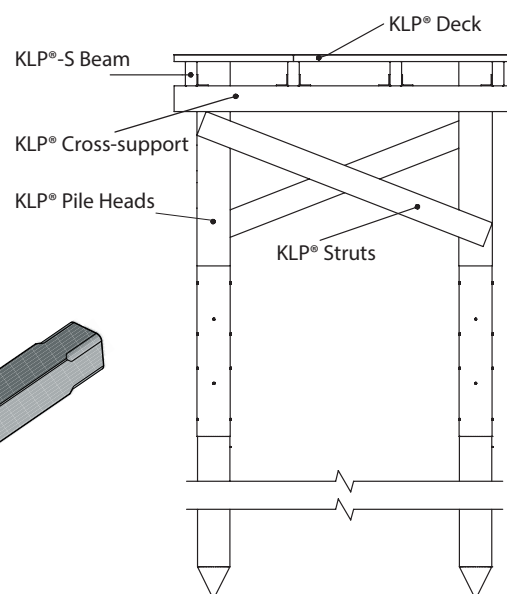
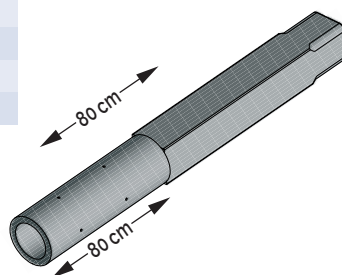
With the following parts you can construct a complete landing stage:
KLP® (Hollow) Pile heads. KLP® Cross-supports & KLP® Struts, KLP® Steel reinforced beams and KLP® Deck. Eventually we can supply the upper part of the jetty (deck and beams) as a prefabricated product.

KLP® Hollow pile heads

((with integrated hollow plastic connection sleeve))

Article	Dimensions
245346	20,0 x 20,0 x 90/170 cm
240595	20,0 x 20,0 x 120/200 cm
245041	20,0 x 20,0 x 150/230 cm
245042	20,0 x 20,0 x 175/255 cm

Inside dimension of the hollow part is $\varnothing 18,3 \times 74$ cm.
Herewith the hollow pile heads fit on timber poles with a diameter of $\varnothing 18$ cm.



KLP® Struts

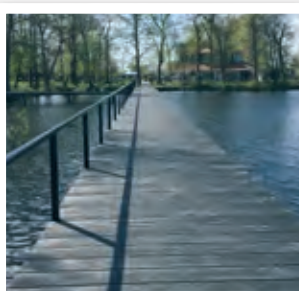
Article code	Dimensions	Type
231029	15,0 x 7,0 x 250 cm	KLP® Mix
231030	16,0 x 8,0 x 357 cm	KLP® Mix

See page 5, planks and beams excluding base point.

KLP® Cross-supports

Article code	Dimensions	Type
245157	16,0 x 8,0 x 400 cm	KLP® Steel reinforced
245083	14,5 x 7,0 x 500 cm	KLP® Steel reinforced
240202	15,0 x 7,0 x 250 cm	KLP® Glass fiber reinforced
240201	16,0 x 8,0 x 360 cm	KLP® Glass fiber reinforced

See page 6, glass fiber and steel reinforced products.



KLP® BRIDGES & HANDRAILS

The construction entirely consists of plastics based on the unique properties of our steel reinforced plastic beams. Both bridges can be supplied with an incidental load bearing capacity suitable for rescue vehicles to cyclists and pedestrians. With the following parts you can construct a bridge: KLP® Poles (page 6), KLP® Pile heads (page 7), KLP® Cross-supports & KLP® Struts (page 7), KLP® Steel reinforced beams (page 6), KLP® Deck (page 5) and KLP® Handrails (page 8).

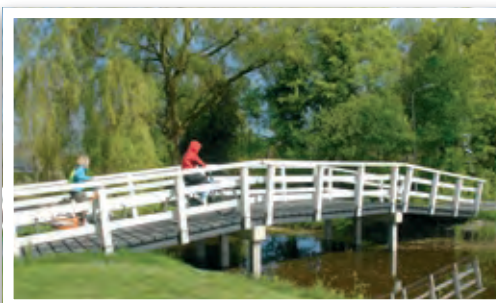
KLP® Standard Bridge Segments

- Suitable for cyclists and pedestrians
- Delivered as a prefabricated unit, FCA Sneek.
- Calculations according to Eurocode NEN-EN 1990/1991
- Handrail construction in color black or white

Bridges with white handrails (eurocode 5kN/m²)

Article code	Segment length	Deck width	Free passage	Size beamse
245201	300 cm	128 cm	120 cm	24,0 x 9,0 cm
245202	400 cm	128 cm	120 cm	24,0 x 9,0 cm
245203	500 cm	128 cm	120 cm	24,0 x 9,0 cm
245204	300 cm	158 cm	150 cm	24,0 x 9,0 cm
245205	400 cm	158 cm	150 cm	24,0 x 9,0 cm
245206	500 cm	158 cm	150 cm	24,0 x 9,0 cm
246207	300 cm	188 cm	180 cm	24,0 x 9,0 cm
245208	400 cm	188 cm	180 cm	24,0 x 9,0 cm
245209	500 cm	188 cm	180 cm	24,0 x 9,0 cm0
245210	300 cm	228 cm	220 cm	24,0 x 9,0 cm
245211	400 cm	228 cm	220 cm	24,0 x 9,0 cm
245212	500 cm	228 cm	220 cm	24,0 x 9,0 cm

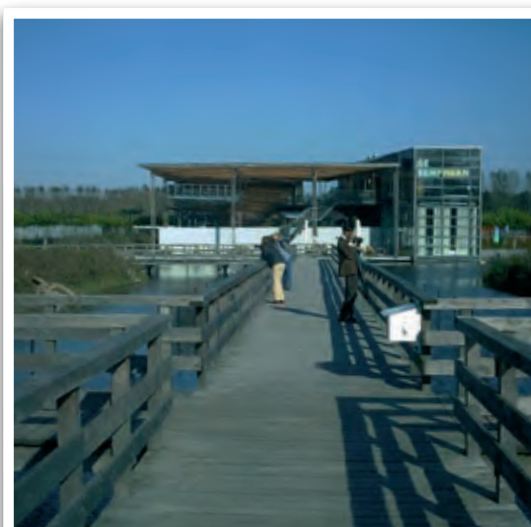
Article code	Segment length	Deck width	Free passage	Size beams
245213	300 cm	128 cm	120 cm	16,0 x 8,0 cm
245214	400 cm	128 cm	120 cm	16,0 x 8,0 cm
245215	300 cm	158 cm	150 cm	16,0 x 8,0 cm
245216	400 cm	158 cm	150 cm	16,0 x 8,0 cm
245217	300 cm	188 cm	180 cm	16,0 x 8,0 cm
245218	400 cm	188 cm	180 cm	16,0 x 8,0 cm
245219	300 cm	228 cm	220 cm	16,0 x 8,0 cm
245220	400 cm	228 cm	220 cm	16,0 x 8,0 cm





Bridges with black handrails (eurocode 5kN/m²)

Article code	Segment length	Deck width	Free passage	Size beams
245231	300 cm	128 cm	120 cm	24,0 x 9,0 cm
245232	400 cm	128 cm	120 cm	24,0 x 9,0 cm
245233	500 cm	128 cm	120 cm	24,0 x 9,0 cm
245234	300 cm	158 cm	150 cm	24,0 x 9,0 cm
245235	400 cm	158 cm	150 cm	24,0 x 9,0 cm
245236	500 cm	158 cm	150 cm	24,0 x 9,0 cm
245237	300 cm	188 cm	180 cm	24,0 x 9,0 cm
245238	400 cm	188 cm	180 cm	24,0 x 9,0 cm
245239	500 cm	188 cm	180 cm	24,0 x 9,0 cm
245240	300 cm	228 cm	220 cm	24,0 x 9,0 cm
245241	400 cm	228 cm	220 cm	24,0 x 9,0 cm
245242	500 cm	228 cm	220 cm	24,0 x 9,0 cm



Article code	Segment length	Deck width	Free passage	Size beams
245243	300 cm	128 cm	120 cm	16,0 x 8,0 cm
245244	400 cm	128 cm	120 cm	16,0 x 8,0 cm
245245	300 cm	158 cm	150 cm	16,0 x 8,0 cm
245246	400 cm	158 cm	150 cm	16,0 x 8,0 cm
245247	300 cm	188 cm	180 cm	16,0 x 8,0 cm
245248	400 cm	188 cm	180 cm	16,0 x 8,0 cm
245249	300 cm	228 cm	220 cm	16,0 x 8,0 cm
245250	400 cm	228 cm	220 cm	16,0 x 8,0 cm

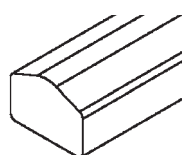


Please take possible height differences into account when installing assembled bridge segments due to different beam sizes. You can compensate this by altering the height of the substructure locally.

Are you looking for a different dimension that is not listed in these standard segments? Please contact us for a customized bridge. However, for this customization we will charge extra costs for engineering.

KLP® Handrails black and white

Article code	Dimensions	Description
230319 / 240018	10,0 x 10,0 x 120 cm	Baluster
234068 / 234065	12,0 x 12,0 x 126 cm	Chamfered baluster
240004 / 240003	14,0 x 4,0 x 420 cm	Edge rail
240011 / 240010	14,0 x 4,0 x 520 cm	Edge rail
244077 / 240009	14,0 x 10,0 x 420 cm	Hand rail
244072 / 240025	14,0 x 10,0 x 520 cm	Hand rail



KLP® RAPIDRETAIN RETAINING WALL SYSTEM

The very strong connection of the RapidRetain panels is unique. This makes it unnecessary to place poles exactly at the connection of the panels. In the end this will save a lot of time and money by installation of combi-posts and RapidRetain panels.

The posts can be placed at a maximum center-to-center distance of 100cm. Nowadays the RapidRetain panels are equipped with a special ground-sealing-lip, herewith usage of geotextiles is in most cases not necessary.

KLP® RapidRetain panel

Article code	Dimensions	Pcs/pack
245196	60,0 x 210 cm	15
245197	80,0 x 210 cm	15
245198	100,0 x 210 cm	15

For large quantities: price on request.

Higher raised panels of 120/140/160/180 cm on request.

KLP® Combi-posts

Size: ø plastic top/ ø timber pole x length

Made of: ① Untreated (PEFC) timber pole (C18)

② KLP® plastic covered top, plastic part is black. ø 12 x 100 cm

Article code	Dimensions	Type	Pcs/pack
245099	12,0/10,0 x 250 cm	including base point	36
245084	12,0/10,0 x 300 cm	including base point	36
245085	12,0/10,0 x 400 cm	excluding base point	36
245086	12,0/10,0 x 500 cm	excluding base point	36

Optional extras for KLP® RapidRetain

Article code	Dimensions	Type
245078	10,0 x 10,0 x 520 cm	KLP®-S Fender (peg & hole connection)



KLP® Combi-post





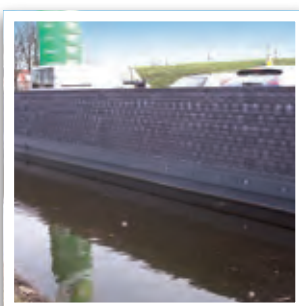
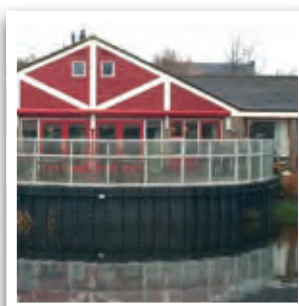
KLP®-V PILE PLANKING (RETAINING WALL)

KLP®-V Pile planking consists of tongue and groove planks. A construction that provides a solid solution and at the same time is water-permeable. KLP® recycled plastics last decades, they don't rot or splinter, do not require maintenance and do not contain poisonous substances.

Material properties

Article code	Dimensions	Maximum length	Type
240323	20,0 x 5,0 cm	300 cm	retaining wall without reinforcement
240322	20,0 x 5,0 cm	300 cm	glass fiber reinforced retaining wall
245023	20,0 x 5,0 cm	390 cm	glass fiber reinforced retaining wall
241829	10,0 x 10,0 cm	315 cm	KLP®-V Fender
245078	10,0 x 10,0 cm	520 cm	KLP®-S Fender (S16) (peg & hole connection)

Flexural modulus (short term)	Creep modulus (long term)	Flexural rigidity (long term)
1.000 N/mm ²	250 N/mm ²	
2.000 N/mm ²	500 N/mm ²	
2.000 N/mm ²	500 N/mm ²	
2.000 N/mm ²	727 N/mm ²	4,2 kNm ²
20.380 N/mm ²	15.420 N/mm ²	128 kNm ²



KLP® COMBI PILE PLANKING

The KLP® Combination pile planking consists of PEFC certified wooden pine planks (C24) with plastic covered tops. One of the advantages of KLP® Combination pile planking is that where water and air meet rotting will no longer take place so it does not require maintenance.

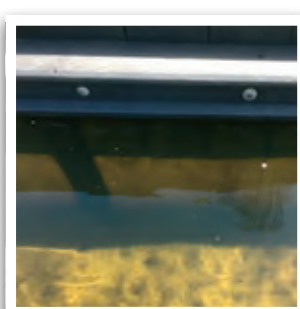
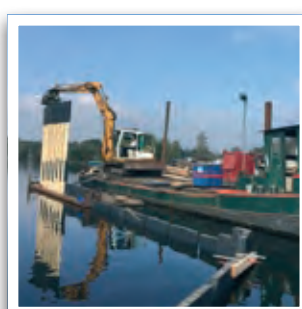
Material properties

Article code	Dimensions (w x d)	Maximum length (wood/plastic)	Type
240294D	22,5 x 12,0/7,5 cm	586/100 cm	retaining wall plank
240295D	22,5 x 12,0/7,5 cm	586/150 cm	retaining wall plank
240330D	23,3 x 9,0/5,0 cm	395/100 cm	retaining wall plank
240319D	23,3 x 9,0/5,0 cm	395/150 cm	retaining wall plank
240316	15,0 x 16,0 cm	500 cm	KLP®-S Anchor Tie*
245090	20,0 x 6,5 cm	501 cm	sheet pile cap
245096	15,0/11,0 x 12,0 cm	400 cm	sheet pile wedge
245095	15,0/11,0 x 9,0 cm	400 cm	sheet pile wedge

Strength class	Flexural modulus (short term)	Creep modulus (long term)	Flexural rigidity (long term)
C24			
C24			
C24			
C24			
	14.083 N/mm ²	4.017 N/mm ²	591 kNm ²

* S16, dowel joint connection

The plastic head of the retaining wall plank is available in 100 cm and 150 cm. The retaining wall is available in various lengths and thicknesses. Ask our product specialists about the possibilities.



KLP® GIRDERS AND MARINE FENDERS

KLP®-PE Girders and Marine fenders are durable and they will not leave black marks behind on the hull. The elastic material has excellent damping properties and will help absorb the collision energy. Should there be less stringent requirements, the fenders can be supplied in standard KLP®-compound as well.

Material properties

Mixture	Density	Coefficient of expansion
KLP®-PE	820 kg/m ³	2,0 mm/m/10 °C
KLP®	800 kg/m ³	1,5 mm/m/10 °C

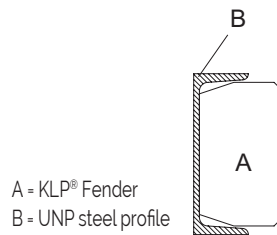
KLP®-PE Girders and Marine fenders

Article code	Dimensions	To fit
245115	16,0 x 8,0 x 400 cm	
232317	15,0 x 10,0 x 450 cm	
232320	20,0 x 10,0 x 400 cm	UNP 220
232307	25,0 x 15,0 x 250 cm	UNP 280
232315	25,0 x 15,0 x 295 cm	UNP 280
242541	25,0 x 20,0 x 450 cm	
241009	25,0 x 25,0 x 250 cm	

KLP® Girders and Marine fenders

Article code	Dimensions	To fit
245114	16,0 x 8,0 x 400 cm	
232431	15,0 x 10,0 x 450 cm	
240891	20,0 x 10,0 x 400 cm	UNP 220
232427	25,0 x 15,0 x 250 cm	UNP 280
245022	25,0 x 15,0 x 295 cm	UNP 280
245051	25,0 x 25,0 x 250 cm	

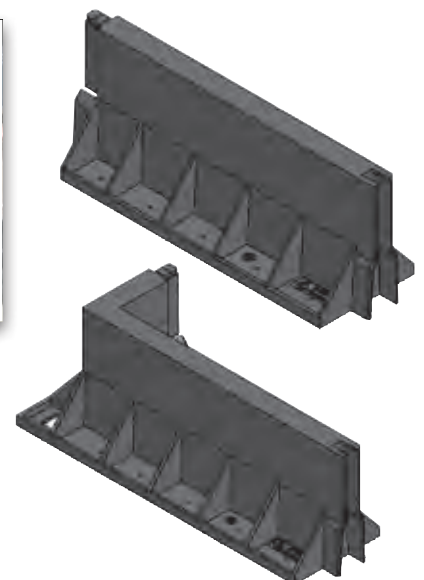
KLP® Girders and Marine fenders are standard fitted with chamfered edges.



KLP® FOUNDATION BLOCKS

The KLP® Foundation block from recycled plastics is a great alternative that surpasses concrete or wood in every way. The light-weight blocks are very easy to apply. With the different types of straight beams and corners pieces foundations can be built for structures with practically all dimensions.

Article code	Dimensions	Description	Pcs/pack
250100	25,0 x 30,0 x 75,0 cm	straight piece	42
250101	25,0 x 30,0 x 100,0 cm	straight piece	42
250102	34,6 x 30,0 x 87,2 cm	corner piece	24





KLP® STREET FURNITURE

KLP® Picnic set 2 benches

Article code	Dimensions	Colour
242394	159 x 122 x 200 cm	black with anchor
242393	159 x 122 x 200 cm	brown with anchor
242396	159 x 76 x 200 cm	black without anchor
242395	159 x 76 x 200 cm	brown without anchor

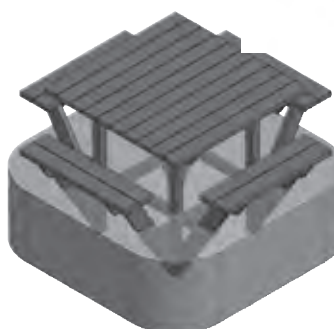
Planks are reinforced with steel strip. Standard colour of the frame is black.



KLP® Picnic set 4 benches

Article code	Dimensions	Colour
240801	235 x 140 x 235 cm	black with anchor
240800	235 x 140 x 235 cm	brown with anchor

All picnic sets are pre-assembled before delivery. Standard colour of the frame is black.



KLP® Benches with backrest

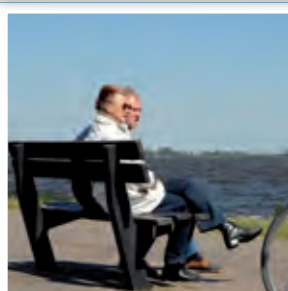
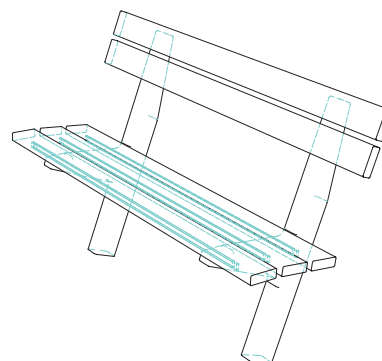
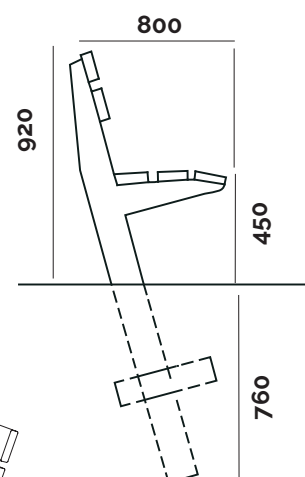
Article code	Dimensions	Colour
242397	180 x 45 cm	black
242387	180 x 45 cm	brown

Benches are supplied as construction kits with pre-drilled holes and galvanized carriage bolts. Black frame and cross piece for support. The planks are reinforced with steel strips.

KLP® Bench planks

Article code	Dimensions	Colour	Pcs/pack
242886	12,0 x 4,0 x 180 cm	black	50
242317	12,0 x 4,0 x 180 cm	brown	50
242901	10,0 x 5,0 x 200 cm	black	50
242110	10,0 x 5,0 x 200 cm	brown	50

The planks are reinforced with steel strips.



GENERAL TERMS AND CONDITIONS KONINKLIJKE LANKHORST EURONETE GROUP B.V.

These General Terms and Conditions are filed at the Dutch Chamber of Commerce: nr 01081428

Article 1: General

1. All offers from, orders to, contracts with and deliveries by Koninklijke Lankhorst-Euronete group B.V. and/or its group companies, hereinafter: "we" or "us", will be governed exclusively by these terms and conditions. In these terms and conditions group companies shall mean certain companies over which Koninklijke Lankhorst-Euronete group B.V. has direct or indirect control and/or any company that is in any way affiliated with Koninklijke Lankhorst-Euronete group B.V., including Lankhorst Sneek B.V., Lankhorst Toulwabrieken B.V., Lankhorst Pure Composites B.V., Lankhorst Engineered Products B.V. and Eikon B.V.
2. Any stipulations deviating from these terms and conditions will apply only if and insofar as we have accepted them explicitly and in writing. Such deviations from these terms and conditions will apply only to the contract in question.
3. The application of any general terms and conditions used by the other party is explicitly excluded.
4. In these terms and conditions, other party means any natural or legal person that has concluded or wishes to conclude a contract with our business and, besides the latter, their representative(s), attorney(s), assignee(s) and heirs.
5. These terms and conditions apply to the existing contract between us and the other party. Unless otherwise agreed, these terms and conditions shall also apply to subsequent contracts between us and the other party.
6. We reserve the right, at our sole discretion, to change, modify or otherwise alter these terms and conditions at any time.

Article 2: Offers

- 2.1. All offers made will remain valid for a period specified by us. In the absence of such a period, our offers will be free of obligation.
- 2.2. All price lists, brochures, illustrations and other information provided with an offer will be binding on us only if this is explicitly confirmed in writing. We will not be required to provide detailed information unless agreed otherwise in writing.
- 2.3. Sending offers and/or (other) documentation will not obligate us to deliver or accept the order.
- 2.4. We reserve the right to refuse orders without stating reasons or to deliver subject to collect on delivery.

Article 3: Contract

- 3.1. Subject to the stipulations below, a contract will be concluded with us only after we have received an offer signed by the other party for approval or, if an offer approved in writing is not used, we have accepted the order in writing. The offer or order confirmation will be deemed to represent the contract accurately and completely. Once placed, orders cannot be cancelled, unless otherwise agreed to by the parties.
- 3.2. Any agreements or changes made later, as well as (oral) agreements and/or commitments by our employees or made on our behalf by our salespeople, agents, representatives or other intermediaries are binding on us only in and insofar as they have been confirmed by us in writing by a person authorized to do so. The costs we incur to execute the original order will be at the other party's expense and risk.
- 3.3. For work for which, due to its nature and scope, no offer or order confirmations are sent, the contract will be deemed to have been concluded at the time we have actually started to carry out the work. The invoice will be deemed to represent the contract accurately and completely.
- 3.4. We will enter into all contracts under the condition precedent that the other party - exclusively at our discretion - proves to be sufficiently creditworthy to perform the contract.
- 3.5. We will be entitled upon or after entering into the contract, prior to performing the contract (further), to require security from the other party that will settle the payment as well as all other obligations.
- 3.6. We will be entitled - if we consider this necessary or desirable - to engage others to ensure the proper performance of the contract. The costs of such engagement will be passed on to the other party in accordance with the quotation provided. If possible and/or necessary, we will consult with the other party about this.

Article 4: Prices

- 4.1. Unless stated otherwise, all quotations will be made subject to price adjustment.
- 4.2. Unless stated otherwise, our prices are:
 - based on the level of the purchase price, wages, wage costs, social insurance and government charges, freight charges, insurance premiums and other costs during the order or on the date of the order;
 - based on delivery from our factory warehouse or other storage place (Incoterm EXW);
 - exclusive of VAT, import duties, other taxes, levies and charges;
 - exclusive of the costs of packaging, loading and unloading, transportation and insurance;
 - expressed in Euros (€); any changes in exchange rates will be passed on.
- 4.3. In case one or more of the cost price factors are increased, we will be entitled to adjust the order price accordingly, with due observance of any existing, relevant statutory provisions. Future price increases already known must, however, be stated when the order is confirmed. If such an increase occurs within 3 months after the contract is concluded, the other party will be entitled to rescind the contract within a reasonable period, subject to payment of reasonable compensation of the costs directly incurred by us in connection with the contract. If we have already manufactured goods before timely cancellation, the other party will still be obligated, if we so desire, to purchase the goods at the prices applicable prior to the increase.

Article 5: Protection of rights

- 5.1. The offers and/or catalogs and/or drawings etc. we have made available, as well as the appendices which could be the subject of any intellectual and/or industrial property right or equivalent right will remain our property. Without our written permission, these documents may not be copied, made available to third parties for inspection or used in any other way than agreed. They must be returned to us immediately on request.
- 5.2. In case goods are manufactured according to drawings, designs, samples or other instructions in the broadest sense, received from the other party, the other party must fully warrant that the manufacture and/or delivery of these articles will not infringe any trademark, patent, utility or commercial model or any other right of third parties. The other party must indemnify us with respect to all claims of any third party whatsoever.

Article 6: Delivery and delivery time

- 6.1. The most recent provisions of the Incoterms will apply insofar as they do not depart from these general terms and conditions. The offer and/or order confirmation will contain the Incoterm preferred by us. If no Incoterm is contained in the offer and/or order confirmation, delivery will be made ex works (Incoterm EXW). The time of delivery will be the time the articles are delivered for transportation to the other party or placed at the other party's disposal on our premises.
- 6.2. The other party must check the goods received and the packaging immediately upon delivery for any shortages or damage, or carry out this check after notification from us that the articles are at the other party's disposal.
- 6.3. We reserve the right to make partial deliveries. In such a case, each delivery will be considered a separate transaction. Partial deliveries may be invoiced separately. The other party must pay in accordance with Article 13 of these terms and conditions.
- 6.4. On-call delivery must be called up and purchased within the agreed time. The other party will be in default through the mere expiration of an on-call period and we will have the right to rescind the contract or not, or to send the goods.
- 6.5. The statement of the delivery time will always be made by approximation, unless explicitly agreed otherwise. Exceeding a delivery time will not obligate us to pay compensation. The other party will not be entitled to additional or substitute compensation or nonperformance or suspension of any obligation arising from him from the contract. Nor will the other party be entitled to rescind or terminate the contract in that case. If we exceed the delivery time for reasons other than those referred to in paragraph 6.6. of this article, the other party will have the right to set a new delivery time for us in writing. If we do not observe it, the other party will be entitled to rescind the contract, insofar as not yet performed, by giving notice in writing. In that case as well, the other party will not be entitled to compensation of any loss he has suffered.
- 6.6. The delivery time will be extended at any rate by the duration of the period in which force majeure or actions of the other party, imputable or not, cause delay in the delivery. In case the delay in delivery time is caused by actions of the other party, we will be entitled to rescind the contract.
- 6.7. The other party must take delivery of the goods as soon as we present them. All costs and losses we incur owing to failure by the other party to purchase (part of) the articles he has ordered will be at the expense and risk of the other party, including storage costs.

Article 7: Carriage/Risk

- 7.1. The manner of carriage, if and insofar as we provide for this, shipping, packing and suchlike, if the other party has not provided us with instructions to that effect, will be determined by us with due care, without us bearing any liability for this, except in case of intent or deliberate recklessness. Any specific wishes of the other party regarding transportation/dispatch will be met only if the other party states that it will bear the (additional) costs thereof.
- 7.2. Articles will always be shipped at the expense and risk of the other party, even if delivery free domicile has been agreed, in that case even if the carrier demands that the clause be included on consignment notes, road waybills and suchlike that all transport damage will be as the shipper's expense and risk.

Article 8: Force majeure (Non-attributable failures)

- 8.1. Force majeure will exist on our part if the performance of the contract is prevented wholly or partially - temporarily or not - by circumstances beyond our control, and owing to which the other party can no longer reasonably require us to perform the contract. Force majeure is considered to be, among other things: strikes, excessive sickness absence of our employees, epidemic or pandemic, transport difficulties, fire, government measures including at any rate import and export bans, quota systems and business interruptions at us or at our suppliers, involuntary interruptions or obstacles which make performance of the contract more expensive and/or more onerous, such as storm damage and/or other natural disasters, as well as default or any force majeure event claimed by our suppliers owing to which we are unable or no longer able to fulfill our obligations to the other party. If we claim a force majeure event and, as a result of such force majeure event, the cost of the raw materials is increased, the price of the goods or services shall be increased accordingly upon substantiated documentation provided by us.
- 8.2. In case force majeure lasts longer than 30 days, both parties will be entitled to suspend performance of the contract wholly or in part, regarding the part to which the force majeure relates, or to rescind the contract wholly or in part by means of a written statement, without being obligated to pay compensation on any basis. Consultations will be held with the other party.
- 8.3. We are entitled to demand payment for the goods or services delivered in performing the contract before the circumstances causing the force majeure occurred.
- 8.4. We will also have the right to rely on force majeure if the circumstance constituting the force majeure occurs after we should have delivered our goods or services.

Article 9: Liability

- 9.1. Our liability in all cases, both contractual and under laws and/or regulations, will be limited to the amount paid by our liability insurance, plus the amount of the deductible which according to the policy conditions is not payable by insurers.
- 9.2. If the insurer fails to pay in any case and/or the loss is not covered by the insurance, we will be liable only for the direct loss that can be attributed to us. Direct loss means only:
 - a. reasonable costs to determine the cause and extent of the loss, in so far as such determination relates to loss within the meaning of these terms and conditions;
 - b. any reasonable costs necessary to allow us to remedy the faulty performance of the contract;
 - c. reasonable costs incurred to limit loss, insofar as the other party demonstrates that these costs have resulted in limiting of the direct loss referred to in these general terms and conditions.Our liability for other loss, such as indirect loss, which includes, but is not limited to, consequential loss, business loss, loss due to lost sales and/or lost profits, missed goodwill, damage to assets and loss due to business interruption, including work stoppage, is excluded.

- 9.3. Except in case of intent or deliberate recklessness of our company management, our liability for the direct loss referred to in 9.2 will be limited to an amount equal to 50% of the invoice value relating to the faulty articles which caused the loss. In case of partial delivery, we will be liable to compensate 50% at most of the relevant part of the invoice.
- 9.4. If the insurer does not pay and/or the insurance does not cover the loss, our total liability for loss due to death or bodily injury will be limited to a sum of € 500,000 per event, whereby a series of related events will count as one event.
- 9.5. We will not be liable for damage that might be done to any good on which we have performed, are performing or will perform work, nor for what the good contains or terms part thereof, irrespective of whether that damage is caused by persons employed by our company or by persons we have engaged in a different way. Nor will it matter whether the good is located on our premises or elsewhere.
- 9.6. Liability limiting, excluding or determining terms and conditions which third parties can rely on against us may also be relied upon by us against the other party.
- 9.7. For the rest, no claim against us will lapse by the mere elapse of a period of one year after that claim arose, unless a legal action is brought against us in relation to that claim before that period expires.
- 9.8. All defenses we can derive from the contract concluded with the other party to defend us against our liability may be relied on by our employees and third parties engaged by us in performing the contract with respect to the other party, as if the employees and third parties were themselves parties to the contract.
- 9.9. The other party must indemnify us, our employees or persons put to work by us or on our behalf, for all claims of third parties for compensation of any loss suffered by those third parties, caused by or otherwise related to goods originating from us.

Article 10: Complaints

- 10.1 Complaints mean all complaints from the other party in relation to the soundness of the deliveries.
- 10.2 Complaints relating to externally observable defects (shortages or damage) of the delivered goods and/or the packaging must be made in writing within 8 days of delivery of the goods as referred to in Article 6. Complaints relating to defects which are not externally observable must be made in writing as soon as possible after they are discovered, but at any rate within 6 months from delivery of the goods by us as referred to in Article 6, with a precise statement of the nature and grounds of the complaints. Complaints about invoices must be submitted within 8 days after the date on which the invoices were sent. If we correct any rejected or disputed invoice within the payment term for the original invoice, the rejected or disputed amount shall be payable based on the date of the original invoice. If the above-mentioned periods are exceeded, any claim against us in relation to the defects will lapse.
- 10.3 After the aforementioned period expires, the other party will be deemed to have approved the goods delivered or the invoice. At that time, we will no longer handle complaints. Goods about which complaints are made must remain undisturbed in the condition they were in at delivery until we have investigated the complaint.
- 10.4 If we consider the complaint well-founded, we will only be required, at our discretion, to replace or repair the faulty goods, without prejudice to the general limitation of our liability set out herein in article 9.
- 10.5 Submitting a complaint will never release the other party from his payment obligations with respect to us, nor give the other party a right to setoff.
- 10.6 Return of the goods delivered is possible only after our prior, written permission, on terms to be set by us.
- 10.7 Returned goods sent back must be packed in their original packaging. In addition to the original packaging and a consignment note, the goods returned must be provided with the return slip issued by us. Goods without a return slip issued by us must be rejected.
- 10.8 Minor deviations in quality, color, length and thickness, which are technically unavoidable, or are generally allowed according to commercial customs, cannot constitute a basis for complaints. In case of an offer or delivery according to a sample, the sample will count only to determine the average property. The quantity to be delivered by us will be allowed to exceed the quantity agreed with the purchaser by 5% and must be accepted by the purchaser. Information and illustrations from official lists, brochures and suchlike do not give entitlement to delivery according to that information, nor may compensation be claimed in that regard.

Article 11: Warranty

- 11.1. Unless explicitly agreed otherwise, we will not provide a warranty for the (parts of) articles manufactured by us.
- 11.2. The warranty for (parts of) articles we have not manufactured ourselves, but which are delivered and installed by us, will be limited to the warranty we receive from our supplier.
- 11.3. Without prejudice to the general limitation of our liability set out herein in article 9, the warranty will not in any case go beyond repair of the defects occurring in the goods delivered free of charge or free delivery of new parts. We will never be liable for any loss suffered by the client and/or customer as a result of this.
- 11.4. If the other party fails to fulfill his obligations under the contract concluded with us, or fails to fulfill them on time, any right to warranty will lapse.

Article 12: (Extended) Retention of Title

- 12.1. The title to the goods delivered by us (and any goods redelivered and resold by us) will remain vested in us and will pass to the other party only after payment in full by the other of everything we have to claim from the other party on any basis, including interest and costs and any damages.
- 12.2. If the goods delivered are processed, treated or mixed by or at the other party, we will acquire a co-ownership right in the newly produced good or goods and/or the good or goods combined with the good or goods delivered or the principal good, for the value of the (original) goods delivered by us.
- 12.3. In case of non-payment of a due and payable amount, suspension of payment, application for suspension of payment, bankruptcy, placement under conservatorship, death or liquidation of assets of the other party or if we fear that the other party will fail to fulfill his obligations, we will have the right without notice of default and without judicial intervention to cancel the order or the part of the order that still has to be delivered and to reclaim any goods delivered but not yet paid or not yet paid in full as our property, with deduction of any amounts already paid, without prejudice to our right to demand compensation for any loss or damage. In those cases, all claims we have against the other party will be immediately due and payable at once.
- 12.4. The other party will not be entitled to alienate the goods subject to retention of title or to grant third parties any restricted right in them. The goods may not be used as collateral, nor may they serve as security for a third-party claim. The other party will, however, be entitled to sell the goods and transfer the goods subject to retention of title in the context of the normal business operations of his company. If the goods are sold on credit, the other party must stipulate retention of title from his customers on the basis of the provisions of this article. If the other party alienates the goods or grants third parties any right in them, if such a situation occurs, the other party hereby establishes an undisclosed pledge on all rights and claims he acquired upon (through) the sale of these goods with respect to those third parties, as security for settlement by the other party of everything we still have to claim from the other party at the time that pledge is established. At any rate, if necessary and as soon as possible, the other party must cooperate in establishing and registering this undisclosed pledge.
- 12.5. The other party must store the goods delivered under retention of title with the necessary care as recognizable property of us. The other party must insure and keep the goods insured for the duration of the retention of title against fire and water damage, as well as against theft, and allow us to inspect the policy of this insurance immediately on request.

Article 13: Payment

- 13.1. Unless otherwise agreed in writing, payment must be made within 30 days from the invoice date, without deduction or setoff. Payment must be made either in cash or into one of the accounts of our bank statements. The value date stated on our bank statements will be decisive and will therefore be considered the payment date.
- 13.2. Each payment by the other party will serve primarily to settle the interest owed by him as well as the collection costs and/or administrative costs we have incurred, and will then be deducted from the longest outstanding claim.
- 13.3. If the other party exceeds an agreed payment period or the general payment period, the volume discounts granted to the other party on the invoice will lapse and he will be in default by operation of law, without any prior notice of default being required. As of the date on which the other party is in default of payment, all other claims we have against the other party will be due and payable and the default will immediately apply to those claims as well without notice of default.
- 13.4. In case the other party:
 - a. is adjudicated bankrupt, assigns his estate or assets, submits an application for suspension of payment or all or part of his property is attached;
 - b. dies or is placed in conservatorship;
 - c. fails to comply with any obligation to which he is subject pursuant to the law or these terms and conditions;
 - d. fails to pay an invoice amount or part thereof within the period set to do so;
 - e. discontinues or transfers his business or a contributes a major part of his business to a company to be formed or an already existing company, or changes the purposes of his business, the mere occurrence of one of the aforementioned circumstances will give us the right either to consider the contract rescinded without any judicial intervention being required, or to demand in its entirety any amount due from the other party on the basis of work performed and/or deliveries by us immediately without any warning or notice of default being required, all this without prejudice to our right to compensation of costs, damages and interest.
- 13.5. We will be entitled at all times to set off our claim against the other party against that which we owe the other party now or in the future. Disputes of any nature whatsoever will not give the other party the right to postpone the payment.

Article 14: Interest and costs

- 14.1. As of the day on which the other party is in default of payment to us, the other party will owe us default interest on all amounts due at a rate of 1.5% per month or part of a month as long as his default on payment continues.
- 14.2. All judicial and extrajudicial costs to be incurred will be payable by the other party. The extrajudicial costs will amount to at least 15% of the amount due from the other party, including the aforementioned interest.

Article 15: Compliance

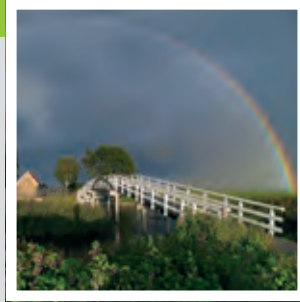
- 15.1. The other party has the obligation to make itself familiar with and shall fully comply with all applicable laws, regulations, rules, and other requirements of any applicable governmental body in connection with the purchase, receipt, use, transfer and disposal of the goods.
- 15.2. All applicable import and export control laws, regulations, orders and requirements, including without limitation those of the jurisdictions in which we are or the other party is established or from which the goods may be supplied, will apply to the receipt and use of the goods. In no event shall the other party use, transfer, release, import, export, re-export, import, or transfer the goods in violation of such applicable laws, regulations, orders or requirements.
- 15.3. If the other party imports or exports the goods in violation of any applicable law, regulation or rule, the other party shall be solely responsible for any fines or penalties imposed by competent authorities and shall indemnify and hold us harmless for any fines, penalties, and costs (including legal fees) incurred by us in connection with

Article 16: Applicable law

- 16.1. All of our offers, contracts and the performance thereof are governed exclusively by Dutch law. The applicability of the Convention on Contracts for the International Sale of Goods, Vienna, April 11, 1980, is explicitly excluded.

Article 17: Disputes

- 17.1. All disputes, including those which only one of the parties considers as such, arising from or connected with the contract to which these terms and conditions apply or these terms and conditions themselves and their interpretation or implementation, both factual and legal in nature, will be settled by the Civil Court with competent jurisdiction in the Netherlands.
- 17.2. In case of a difference of opinion on the contents and purport of these general terms and conditions, the Dutch text thereof will always be decisive.



Reasons to choose KLP®:

- Sustainable
- Durable
- UV, water and weather resistant
- Maintenance free
- Easy to process
- No rotting, no splintering
- Easy to clean
- Recyclable



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