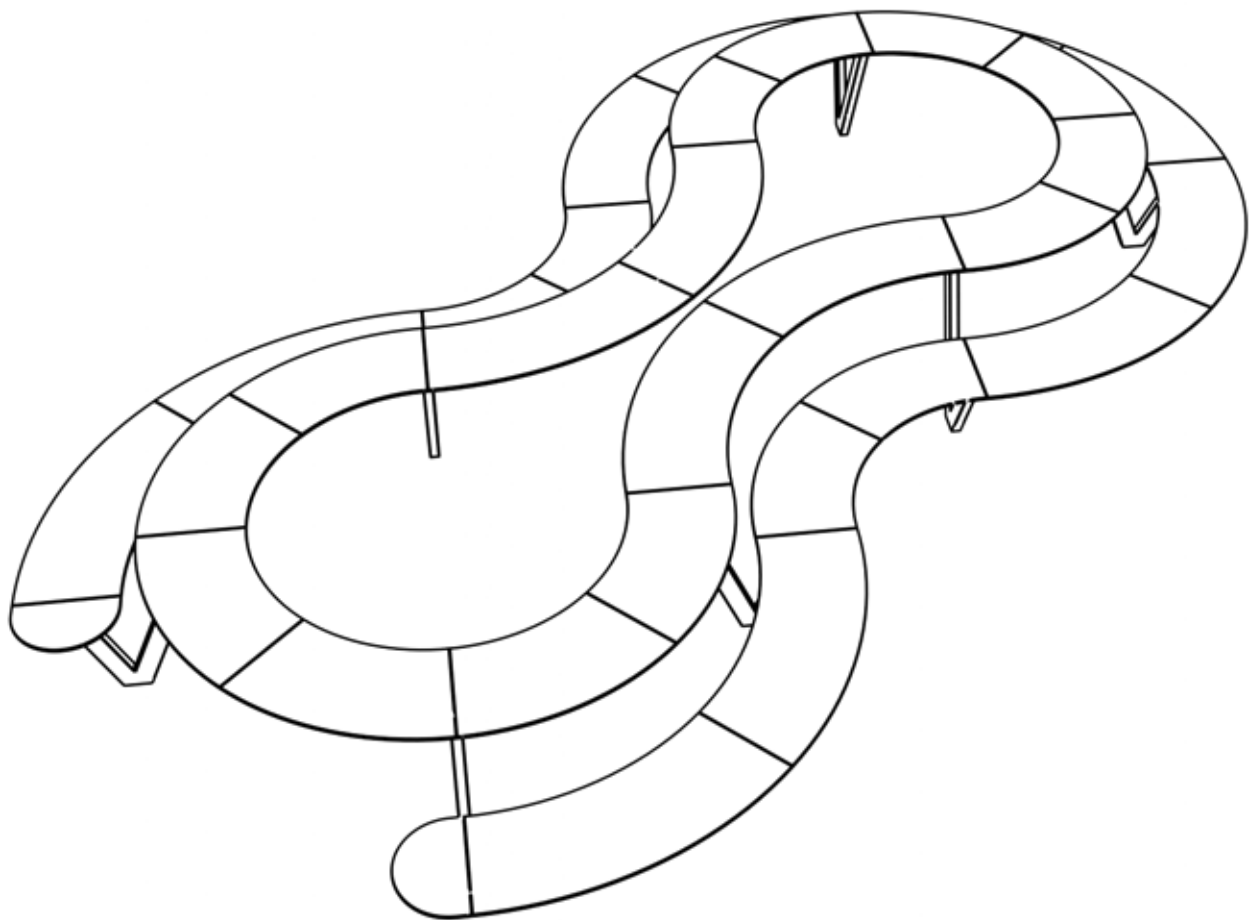


King Arthur



King Arthur - Tender

Preamble

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Product range

Furniture for public outdoor spaces consisting of a table-bench combination. Surfaces made of High-Pressure Laminate (HPL). Steel frame made of steel. All furniture is prepared for ground bolting or setting in concrete.

Laminate sheets:

High-Pressure Laminate (HPL) according to ISO 4586/1 and ON EN 438 type CGF with extremely effective weather protection for applications outdoors. Material thickness 11 mm. No organic halogen (chlor, fluor, brom) or sulphur bonds. No heavy metals or asbestos. Slow-burning B2 according to DIN 4102. Chemical resistance and resistance to spots according to EN 438. Food safe according to §28 LMG 75. Waste code according to ÖNORM S 2072 for wood materials and chipboard applies for the disposal of the materials.

Steel frame

All steel parts made of rectangular shaped tubes 80x40x2mm and 60x40x4 of ST 37.0 according to DIN 2458/1626 as well as sheet steel 12mm in S235JRG2, lasered, welded and sheet steel 3mm in S235JRG2 lasered, edged and welded.

All steel surfaces treated in a multi-layer coating process corresponding to the durability class H (high = more than 15 years) according to DIN EN ISO 12944-5. The following layers are applied:

- 1.) base layer: hot dip galvanizing according to DIN EN ISO 1461, minimum layer thickness according to DIN 50976 (min. 80µm), all zinc surfaces polished and free of zinc tips and other unevenness;
- 2.) intermediate layer: pretreatment according to DIN EN ISO 12944, stained, iron-phosphated, waterrinsed and passivated;
- 3.) final layer: high-temperature powder coating according to DIN 55633 and DIN EN ISO 12944-4 category C3-G3.01, with slightly structured surface, layer thickness according to ISO 2360, adhesion force according to ISO 53151, cross-cut adhesion parameter GT2.

Connection technology

Connection of the steel parts with oval head safety screws with hexagonal recess and die insert M10x60 in INOX steel A2 according to ISO 7991 and locking nuts with polyamide insert M10 InOX A2 according to DIN 985. Connection of the laminate sheets to the steel frame with oval head safety screws M6x12 with hexagonal recess and die insert in INOX A2 according to DIN 7991 as well as threaded sleeves M6. Groundfixation using 10x70 frame screws with hexagonal head and dowels or similar.