



Domino

Technical description

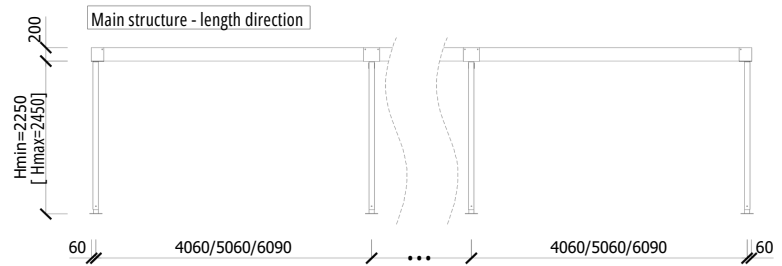
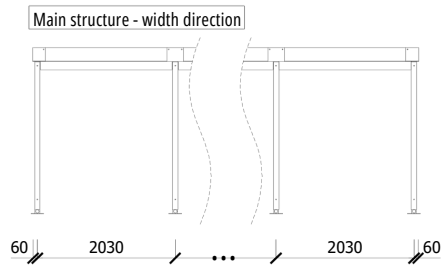
Domino is a modular bicycle shelter with an assortment of carefully designed base and add-on modules allowing for customisation in both length and width to meet specific needs. This unique feature makes the bicycle shelter exceptionally flexible, expandable and easily adaptable to different environments. Wall claddings with traditional 3D wire panels, wood or tempered glass are possible. The roof can be made of steel, polycarbonate or with a green roof. A feature is the integrated drainage system in the columns. These columns are designed to accommodate up to 200 mm difference in level thanks to adjustable column feet. This ensures efficient drainage of rainwater and offers flexibility in the installation of the shelter.

Dimensions

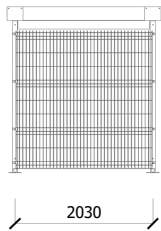
- Lengthwise
 - Base module: 4.18m / 5.18m / 6.21m
 - Extension module: 4.06m / 5.06m / 6.09m
 - Maximum length = 25.42m
- In width direction:
 - Base module: 2.15m / 2.65m
 - Extension module: 2.03m / 2.53m
 - Maximum width = no limit
- Passage height:
 - Domino: 2,13m
 - Domino Plus: 2,78m
- Total height:
 - Domino: 2,45m
 - Domino Plus: 3,10m

Technical specifications

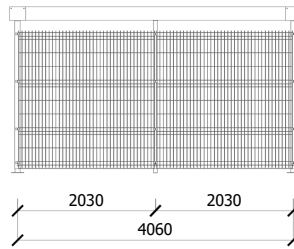
| | |
|-------------------|---|
| MATERIAL | <ul style="list-style-type: none"> Steel grade S235JR for the supporting structure and S250GD for gutters and cover plates Construction and welding performed according to EN 1090 |
| STEEL STRUCTURE | <ul style="list-style-type: none"> Columns in square tube 80x80mm and rectangular tube 80x60mm Roof beams in rectangular tube 120x60mm Wall girders in square tube 50x50mm Gutters in folded steel plate, thickness 3mm, height of cover plate 200mm Connections are bolted, screwed or welded. The fixing material is galvanised. EN ISO 4017 |
| SURFACE TREATMENT | <ul style="list-style-type: none"> Columns, beams, wall girders, gates: hot-dip galvanised EN ISO 1461 Gutters and cover plates: Sendzimir galvanised EN 10346 Option: powder coating according to EN 14616 |
| GATES | <ul style="list-style-type: none"> Swing gate <ul style="list-style-type: none"> Covered with perforated aluminium plate thickness of 2mm Passage width: 1.25m Standard equipped with a mechanical mortise lock with euro cylinder 35/35 Sliding gate <ul style="list-style-type: none"> Not possible in a single module in width Covered with perforated aluminium plate thickness of 2mm Passage width: 1.10m Standard equipped with a mechanical hook lock with euro cylinder 35/35 |
| ROOF | <ul style="list-style-type: none"> Roof covering is profiled trapezoidal solid polycarbonate (clear) Roof covering in profiled steel sheet (colour inside in off-white, colour outside RAL7012) Extensive green roof possible with buffer capacity >25l/m² |
| WALLS | <ul style="list-style-type: none"> Open without walls Wall cladding in 3D panels RAL9005 Wall cladding in tempered glass thickness 8mm Wall cladding in durable Thermowood |
| INSTALLATION | <ul style="list-style-type: none"> On concrete slab or foundation blocks Level difference up to 200mm to level the shelter Height under the gutters: minimum 2250mm / maximum 2450mm Height under the beams: minimum 2130mm / maximum 2330mm |
| ANCHORING | <ul style="list-style-type: none"> Anchoring is done with wedge anchors in a concrete foundation |



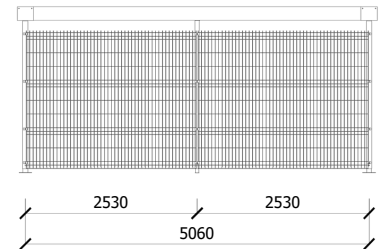
Wall - 3D panel - L=2,03m



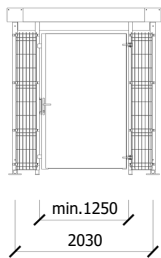
Wall - 3D panels - L=4,06m



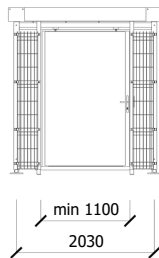
Wall - 3D panels - L=5,06m



Turning gate



Sliding gate



Wall - 3D panels - L=6,09m

