



Joniec



ASSEMBLY OF PRECAST FOUNDATION



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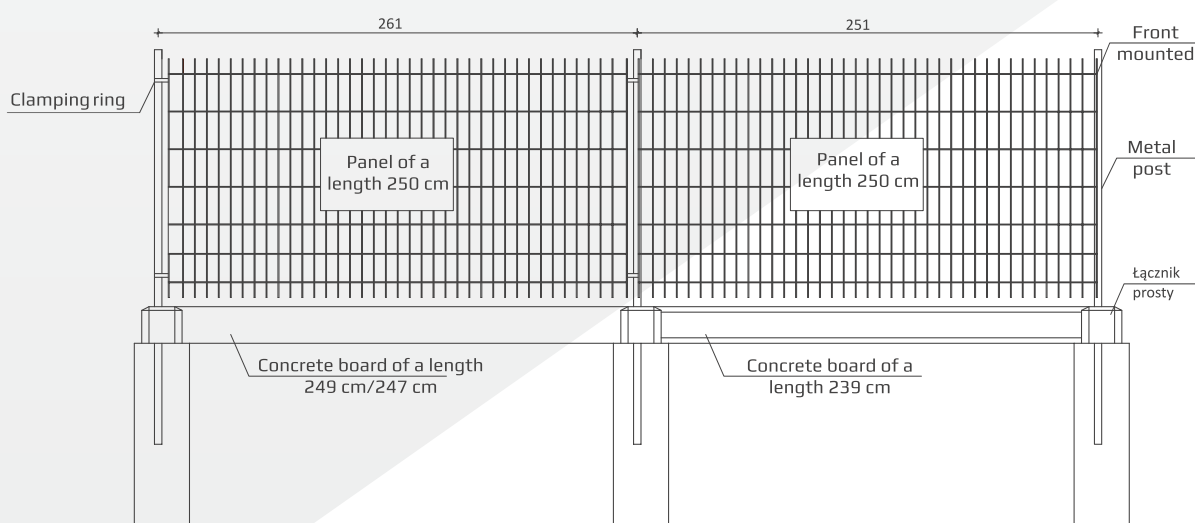
Each construction should be built in accordance with the best building practices and provisions of building regulations. Information included in hereby guidebook are general guidelines and recommendations. In case of designed fences, the constructor's recommendations and guidelines must be taken into consideration. Investor and contractor, who has to obtain required qualification and authorizations, are responsible for the overall work.

Prefabricated precast foundations and connectors are modern solution which allows for fast and cost-effective building of a fence base. Precast foundation is a solution which is used mostly with panel fences and wire fences. They can be used with all panel and wire systems available on the market as well as other metal, stone or wooden fences. Using ready-made boards and connectors significantly reduces the cost of building a fence without losing functionality or aesthetics.

I. PRECAST FOUNDATION ASSEMBLY

Start the assembly of precast foundation with locating the places for posts, take into account the dimensions of concrete boards. At planned places, drill holes for foundation feet – on the depth below the ground freezing. Poland is divided into four zones. The level of freezing is respectively: in 1st climate zone – 0,8 m, in 2nd climatezone – 1 m, in 3rd climate zone – 1,2 m, and in 4th climate zone – 1,4 m. This parameter should not be ignored because in winter groundwater is freezing, what causes foundation damages.

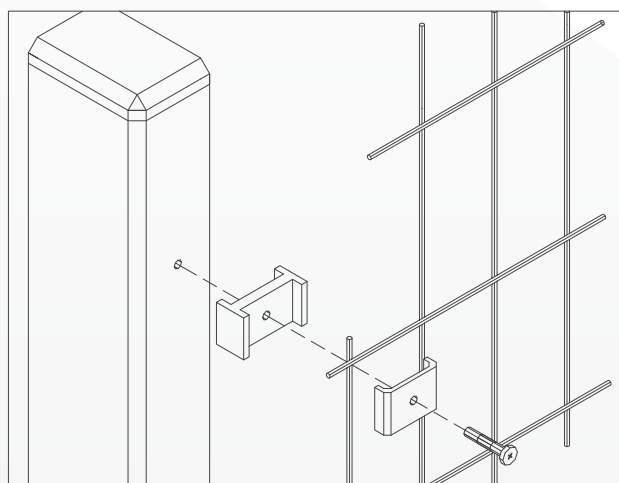
Drilled holes fill with concrete. Concrete used to concrete feet should meet the requirements of the PN-EN 206:2014 norm. According to it, concrete of class XC2 is predicted for that type of elements. If we are dealing with an individual project, we should use requirements contained therein. Place posts in fresh concrete. Wait for the time needed to fully bond the concrete mix, then place connectors and fasten concrete boards. Under concrete boards should be a permeable layer of gravel embankment.



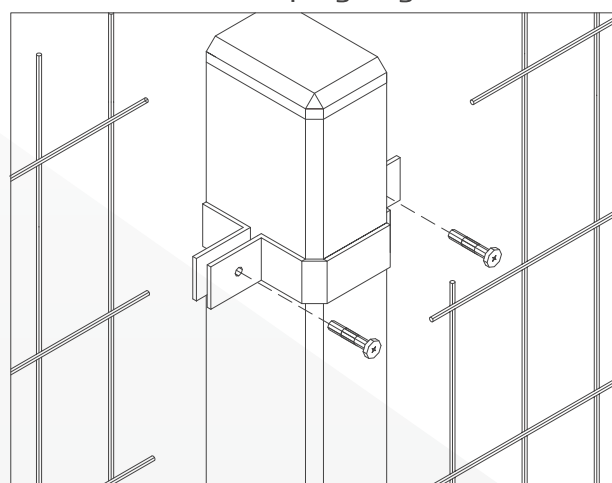
II. PANELS ASSEMBLY

Fasten panels or wire systems to the posts. It can be done in two ways: front mounted – with precast foundation of a length 239 cm or by using clamping ring – with precast foundation of a length 249 cm and 247 cm.

front mounted

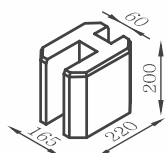


clamping ring



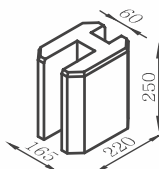
III. TYPES OF CONNECTORS

ŁDP20 straight connector



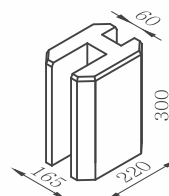
weight of 1 piece: 10 kg
the quantity on pallet: 120 Stk

ŁDP25 straight connector



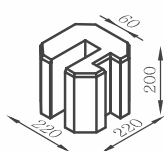
weight of 1 piece: 12,4 kg
the quantity on pallet: 120 Stk

ŁDP30 straight connector



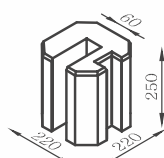
weight of 1 piece: 13,9 kg
the quantity on pallet: 72 Stk

ŁDN20 corner connector



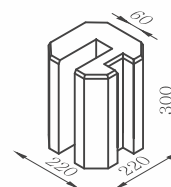
weight of 1 piece: 14,2 kg
the quantity on pallet: 75 Stk

ŁDN25 corner connector



weight of 1 piece: 18,6 kg
the quantity on pallet: 60 Stk

ŁDN30 corner connector

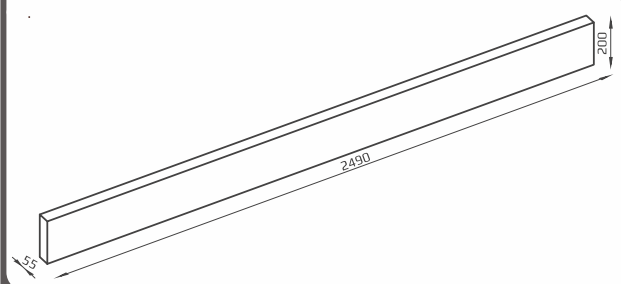


weight of 1 piece: 20,5 kg
the quantity on pallet: 45 Stk

IV. TYPES OF CONCRETE BOARDS

DX20/249

concrete board

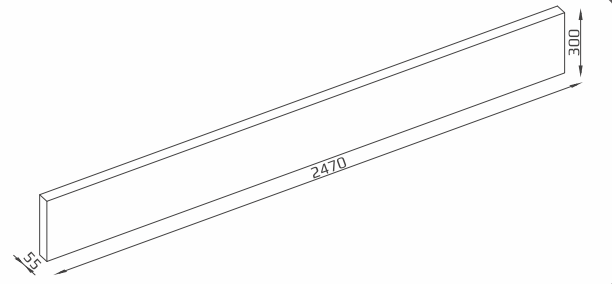


weight of 1 piece: 56 kg
the quantity on pallet: 28 Stk

BASIC series

DX30/247

concrete board

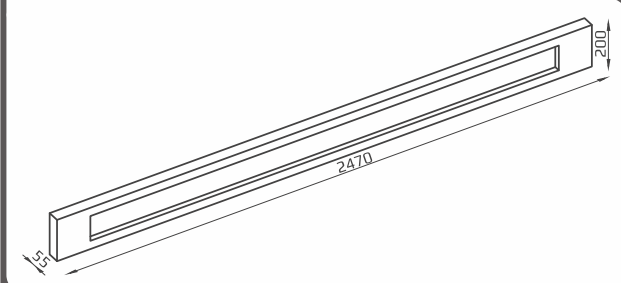


weight of 1 piece: 96 kg
the quantity on pallet: 13 Stk

HIGH series

DOPL20/247

concrete board

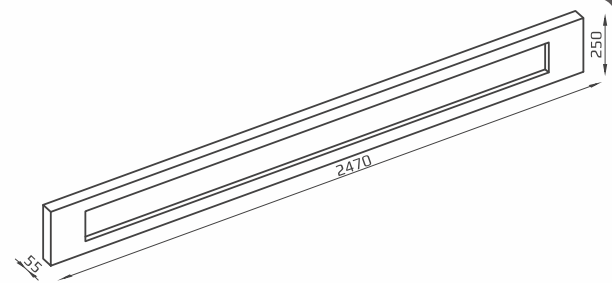


weight of 1 piece: 45,5 kg
the quantity on pallet: 26 Stk

ULTRA series

DOPL25/247

concrete board

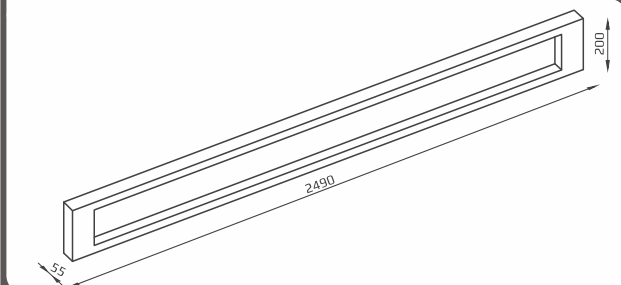


weight of 1 piece: 59 kg
the quantity on pallet: 26 Stk

ULTRA series

DOX20/249

concrete board

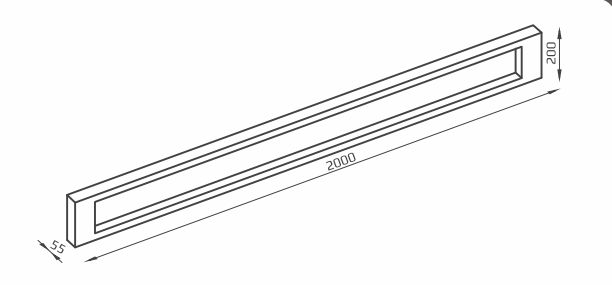


weight of 1 piece: 39 kg
the quantity on pallet: 42 Stk

EKO series

DOX20/200

concrete board

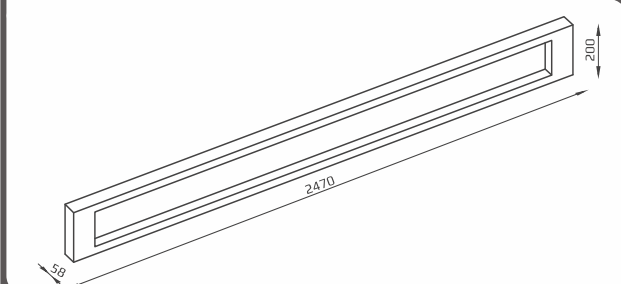


weight of 1 piece: 30 kg
the quantity on pallet: 39 Stk

EKO series

DOX20/247

concrete board



weight of 1 piece: 42 kg
the quantity on pallet: 39 Stk

EKO series