

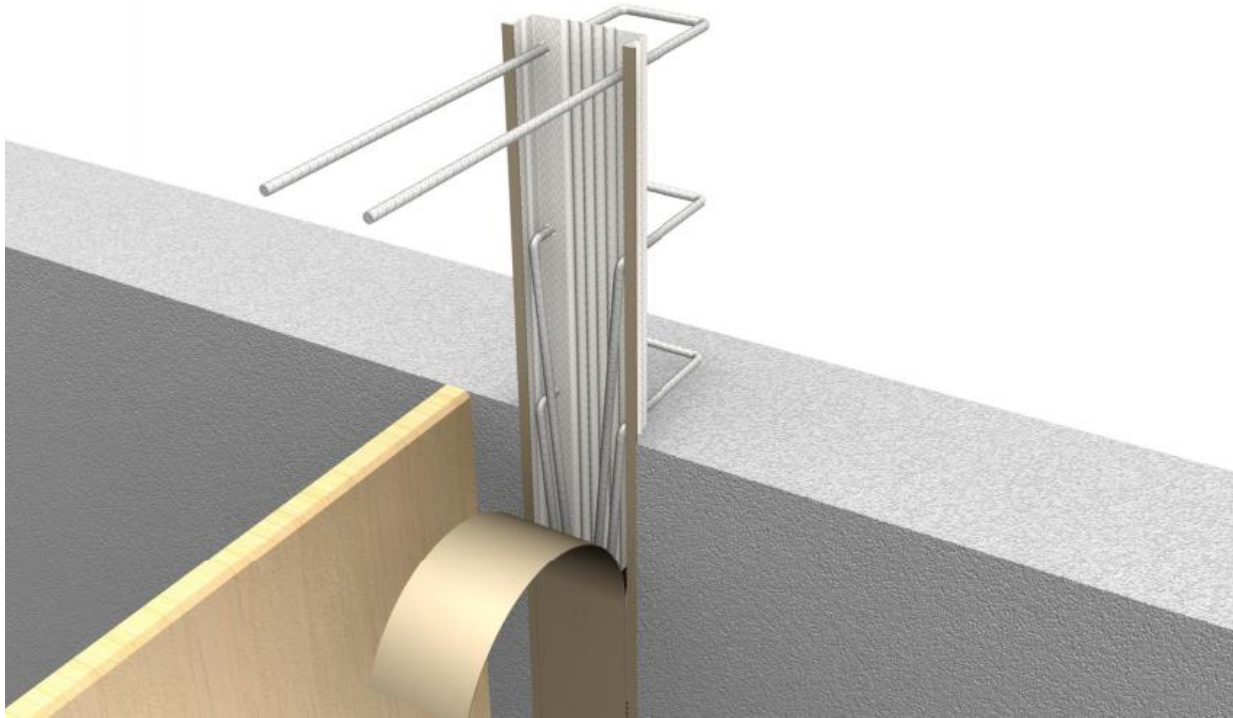
COMMERCIAL DOCUMENTATION



TERWA STARTER BOX | **TYPE TW**



GENERAL INFORMATION



PRODUCT DESCRIPTION

TERWA starter boxes are composed of the longitudinal steel profiles (rails) made by perforated, galvanized steel plate. Ribbed reinforcing bars are embedded in the profiles. Reinforcing bars from one side of the profile form anchoring loops, and from the other side- are bent to it and covered by the thick plastic tape. Concrete reinforcement bended starter boxes are used to perform vertical and horizontal connections of the elements of reinforced concrete constructions, concreted in stages and the precast elements with monolithic. Use of connecting set TERWA ensures fulfilment all requirements specified by standards for proper form of contact anastomosis. Standards for design concrete constructions assume that with the correct shape of the joint we can treat the construction element as homogeneous and permanently compound.

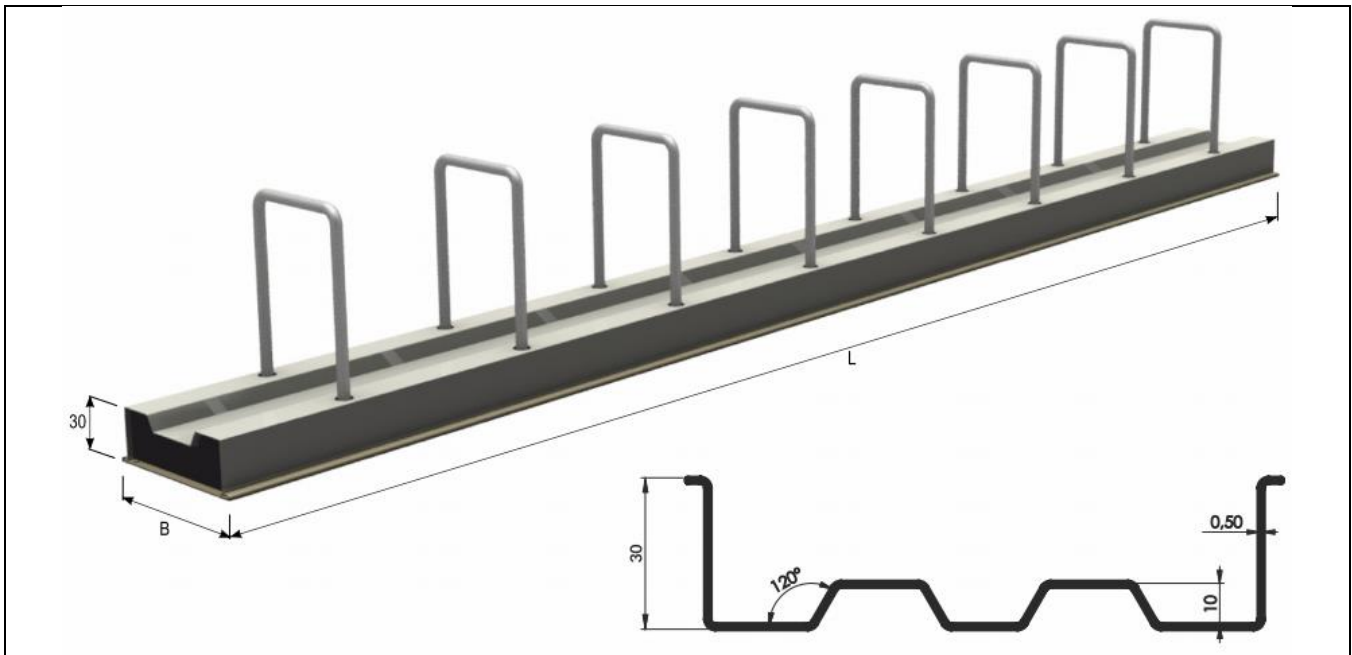
USE

Reinforcement bended Starter Boxes allow execution of connection reinforced concrete structural elements, concreted in various stages of construction, i.e. in connection of the walls, floors to walls, staircase landings, balconies, consoles etc. It allows significantly reduce the duration of the investment and reducing the period of lease elements of formwork system.

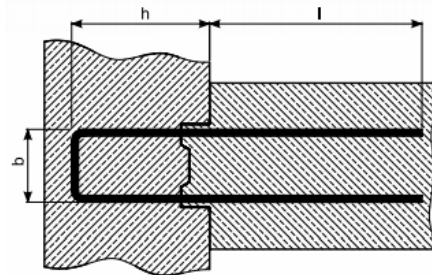
ADVANTAGES

- Simplified execution of constructing joins and additional concreting
- Easy and fast assembly - the component is attached to the formwork by nails
- Specially contoured shape of the perforated rail provides proper preparation of the contact surface on the connection of the two elements, implemented at different time
- Thanks to deliberately roughened joint with optimally shaped furrow (notch) entirely transfer shearing forces occurring in the connector
- It allows for continuity of reinforcement and required length of anchoring bars in elements of reinforcement concrete
- The shape of the rail guarantees the correct depth of concrete coverage of the reinforcing bars
- The rail is made from galvanized steel plate, what protects it by aggressive influence of environment at the storage stage and during realization
- The shape and construction of the rail provides stability during concreting and protect by permeation of the concrete inside the profile
- Thick plastic tape ensures durable protection of reinforcement bars at the time of installation the rail to the formwork. Perforation cut in the rail allows for its quick removal and commencement of reinforce works
- Possibility of matching to the different shapes of formwork (i.e. arch formworks)
- It can be adapted to different systems of reinforcement in elements of reinforced concrete-non-standard elements, on inquiry
- Reinforcement bended Starter Boxes have technical approval which can be asked for at TERWA Construction Group

TERWA STARTER BOX – TYPE TW



- Standard rail length L=1,25 M
- Cross-profiled sheet steel for optimum force transmission



Symbol	Rail width B [mm]	Bar diameter ϕ [mm]	Bar spacing E [cm]	h [cm]	b [cm]	l [cm]	Measurement Unit	Packaging [pcs/palette]	Art. No.
TSB – type TP									
TSB type TW 110-10/15	110	10	15	15	9	39	mb	80pcs.=100m	64803
TSB type TW 110-10/20	110	10	20	15	9	39	mb	80	64804
TSB type TW 140-10/15	140	10	15	15	12	39	mb	108pcs.=135m	64805
TSB type TW 140-10/20	140	10	20	15	12	39	mb	108	64806
TSB type TW 140-12/15	140	12	15	15	12	46	mb	108	64807
TSB type TW 140-12/20	140	12	20	15	12	46	mb	108	64808
TSB type TW 160-10/15	160	10	15	15	14	39	mb	84pcs.=105m	64809
TSB type TW 160-10/20	160	10	20	15	14	39	mb	84	64810
TSB type TW 160-12/15	160	12	15	15	14	46	mb	84	64811
TSB type TW 160-12/20	160	12	20	15	14	46	mb	84	64812
TSB type TW 190-10/15	190	10	15	15	17	39	mb	72pcs.=90m	64813
TSB type TW 190-10/20	190	10	20	15	17	39	mb	72	64814
TSB type TW 190-12/15	190	12	15	15	17	46	mb	72	64815
TSB type TW 190-12/20	190	12	20	15	17	46	mb	72	64816

CONTACT



TERWA is the global supplier for precast and construction solutions with multiple offices around the world. With all our staff, partners and agents, we are happy to provide all construction and precast companies who work in the building industry with full service and 100% support.

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