

PYRAPLEX® Single leg bar, box width 11.2 cm**Description**

PYRAPLEX® is a reinforcement system for the simple and secure connection of reinforced concrete components in the different construction stages. PYRAPLEX® is a further development of the PLEXUS® box with recesses for high shear forces. With the new and unique special pyramid design of the box, PYRAPLEX® is the first product to ensure biaxial transfer of shear forces along the entire length of the construction joint. The surface finish of the storage box is classified as "geared" according to the DBV leaflet "Rebending of reinforcing steel and requirements for storage boxes". No risk of injury due to plastic cover.

Application**1. Fix to Formwork**

The reinforcement system units are nailed into position on the formwork prior to pouring concrete, with the anchors facing away from the shuttering.

2. Strike Formwork and Remove Casing

When the concrete has been poured & cured and the formwork struck, the PVC lid of the reinforcement system unit should be visible on the surface of the concrete. Remove the plastic casing to reveal the reinforcement bars. As a result of the perforation, the remaining strips on each side of the cover can be removed very easily. According to the DBV leaflet, plastic parts must be removed completely!

3. Straighten Reinforcement Bars

A Straightening Tool should be used to straighten the reinforcement bars. Straighten all reinforcement bars. These legs are bent out by the contractor, ready for lapping onto the main reinforcement of the next concrete pour. Important: According to the German Society for Concrete and Construction Technology a multiple bending back and forth at the same point is not permitted! Further information can be found in the DBV leaflet.

4. Subsequent Concrete Pour

The casing remains embedded in the wall, providing a rebate and key for the subsequent pour of the adjoining member.

Please also note the installation instructions under "further documents", see QR code on page 2 of the data sheet. The usability of the product in the respective installation situation must be checked by the user!

Material

- Steel grade B500B
- Polyvinyl chloride (PVC)
- Galvanised steel sheet
- Free from CFC and HFC
- Without substances of very high concern according to ECHA candidate list (REACH Regulation)

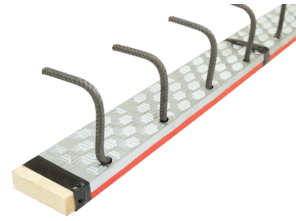
Packaging

- Free of halogen-containing compounds, azo dyes, flame retardants



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Item no.	For wall thickness from mm	Ø Iron mm	Stirrup distance "s" cm	Pull out length "lü" cm	Box height mm	Length m	m/ Bundle	m/ Pallet
BKV0810E	160	8	10	32	30	1,25	7,50	120,00
BKV0815E	160	8	15	32	30	1,25	7,50	120,00
BKV0820E	160	8	20	32	30	1,25	7,50	120,00
BKV1010E	160	10	10	39	36	1,25	7,50	120,00
BKV1015E	160	10	15	39	36	1,25	7,50	120,00
BKV1020E	160	10	20	39	36	1,25	7,50	120,00
BKV1210E	160	12	10	46	40	1,25	7,50	120,00
BKV1215E	160	12	15	46	36	1,25	7,50	120,00
BKV1220E	160	12	20	46	36	1,25	7,50	120,00

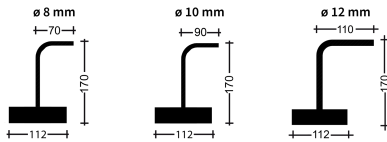


For product video
scan or click here!



For further documents
scan or click here!

Due to manufacturing and installation, the dimensions "h" and "lü" may vary by 10 to 20 mm.



Easy stripping due to perforation of the plastic cover:

