

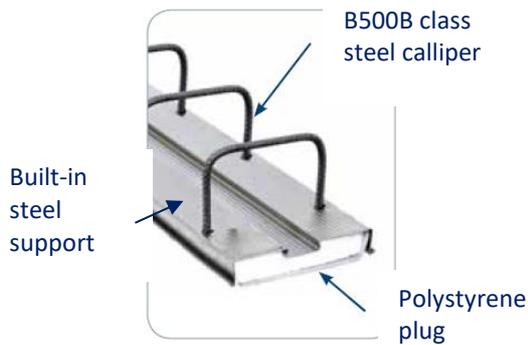
PLAKA – STABOX

Concrete reinforcement standby box

REF 01.01.01 (T-ST-0011) - Version V05 – 17/03/2021



Step 1 – Checking



Check that the width of the Stabox chosen is compatible with the coatings required in second stage concrete. Check that polystyrene caps are present at both ends of the box. The design office in charge of structure stability will define the Stabox model to be used based on the dimension of the elements linked, the ratio and geometry of the reinforcements it has calculated. The exposure class of the concrete will determine the minimum reinforcement coating value

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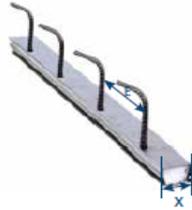
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Type S



45 S

E (mm)				
Ø 6	-	200	-	300
Ø 8	150	200	240	-
Ø 10	150	200	-	-
Nbr étriers	16	12	10	8

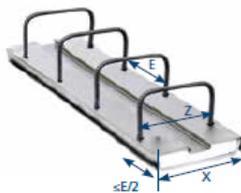
60 S

E (mm)				
Ø 6	-	-	-	-
Ø 8	150	200	-	-
Ø 10	150	200	-	-
Nbr étriers	16	12	-	-

90 S

E (mm)				
Ø 8	-	-	-	-
Ø 10	100	150	-	-
Ø 12	100	150	200	-
Nbr étriers	16	12	10	-

Type D



45 D

E (mm)					Z ⁹⁰
Ø 6	200	-	300	-	40
Ø 8	-	-	-	-	-
Ø 10	-	-	-	-	-
Nbr étriers	16	-	10	-	-

60 D

E (mm)					Z ⁹⁰
Ø 6	-	200	-	300	50
Ø 8	-	200	-	-	50
Ø 10	-	-	-	-	-
Nbr étriers	-	12	-	8	-

90 D

E (mm)					Z ⁹⁰
Ø 6	-	200	240	300	80
Ø 8	150	200	240	-	80
Ø 10	150	200	-	-	80
Nbr étriers	16	12	10	8	-

120 D

E (mm)					Z ⁹⁰
Ø 6	-	200	240	-	110
Ø 8	150	200	240	-	110
Ø 10	150	200	-	-	110
Nbr étriers	16	12	10	-	-

160 D

E (mm)					Z ⁹⁰
Ø 6	-	-	-	-	-
Ø 8	150	200	-	-	150
Ø 10	150	200	-	-	150
Ø 12	150	200	-	-	150
Nbr étriers	16	12	-	-	-

190 D *lg=1.25ml*

E (mm)					Z ⁹⁰
Ø 6	-	-	-	-	-
Ø 8	150	200	-	-	180
Ø 10	150	200	-	-	180
Ø 12	150	200	-	-	180
Nbr étriers	8	6	-	-	-

230 D *lg=1.25ml*

E (mm)					Z ⁹⁰
Ø 6	-	-	-	-	-
Ø 8	150	-	-	-	220
Ø 10	150	200	-	-	220
Ø 12	150	-	-	-	220
Nbr étriers	8	6	-	-	-

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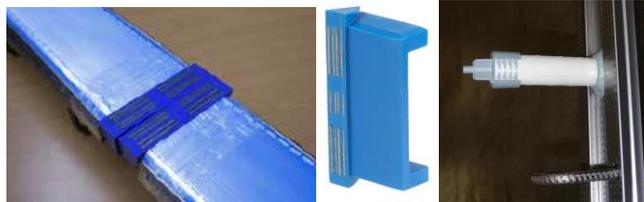


Step 2 – Fastening the Stabox



Fasten the Stabox to the formwork and/or the reinforcement if applicable. When using a type S Stabox (single strand) add ligatures or in specific cases include spacers for proper anchoring.

When the formwork is metallic, use end piece magnets as well as compression spacers



As the pad soles are only 25mm wide, they allow contiguous fitting of the boxes while limiting the space between box ends to 50mm.

The Stabox can be sawn. When a box is cut, replace any cut steel with the callipers entered into the box in the reverse direction of the cut callipers. The plug must be fitted back at the end



Step 3 - Casting the concrete



Cast the first stage concrete according to the rules of the art.

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Step 4 - Removing the cover and plugs



After stripping, remove the cover and plugs from the Stabox.

Step 5 - Deploying the steel reinforcements



Deploy the standby steel reinforcements. It is important not to create a bayonet effect. To do this, use the deploying tool and jog the tool forward as close as possible to the curvature.

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