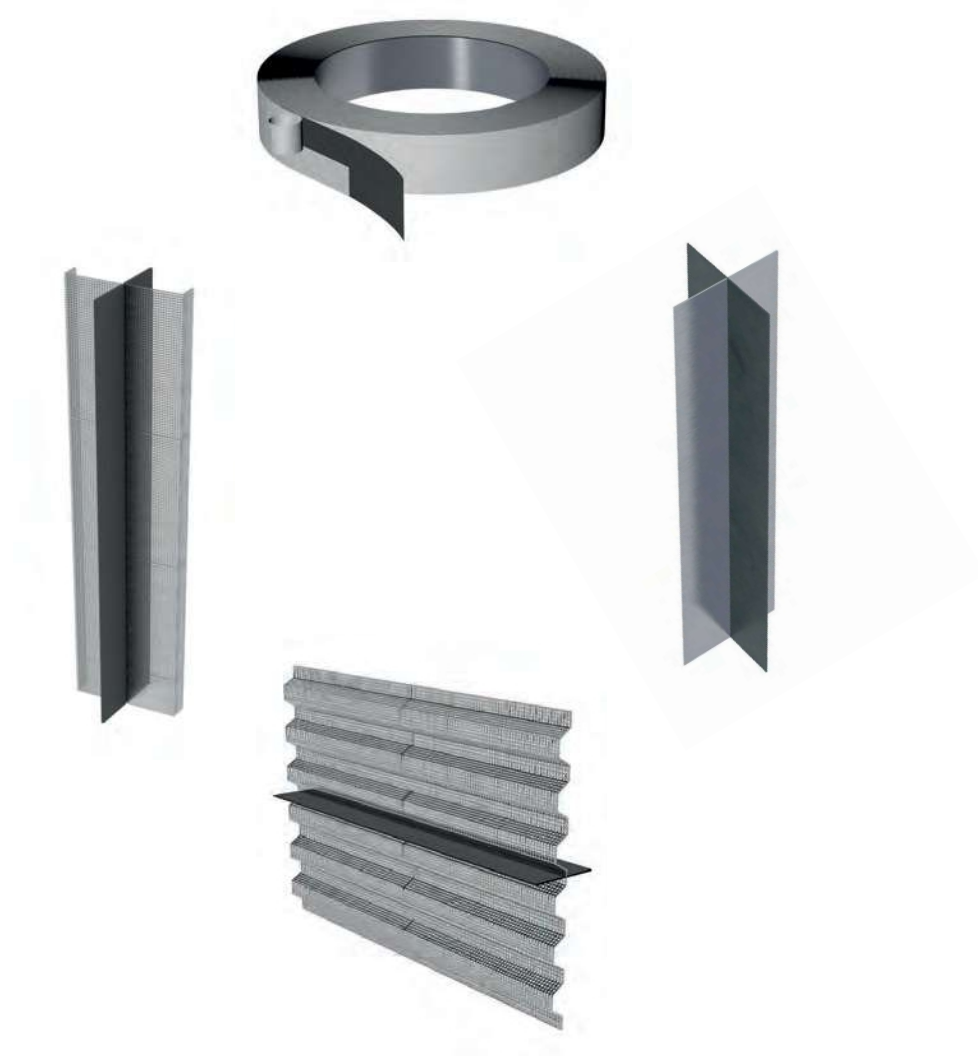




Product description:

ErFlex is a complete set of components made of galvanized sheet metal covered with bituminous mass, used for systemic sealing of all construction joints of the reinforced concrete structure being constructed. The system has a current National Technical Assessment.

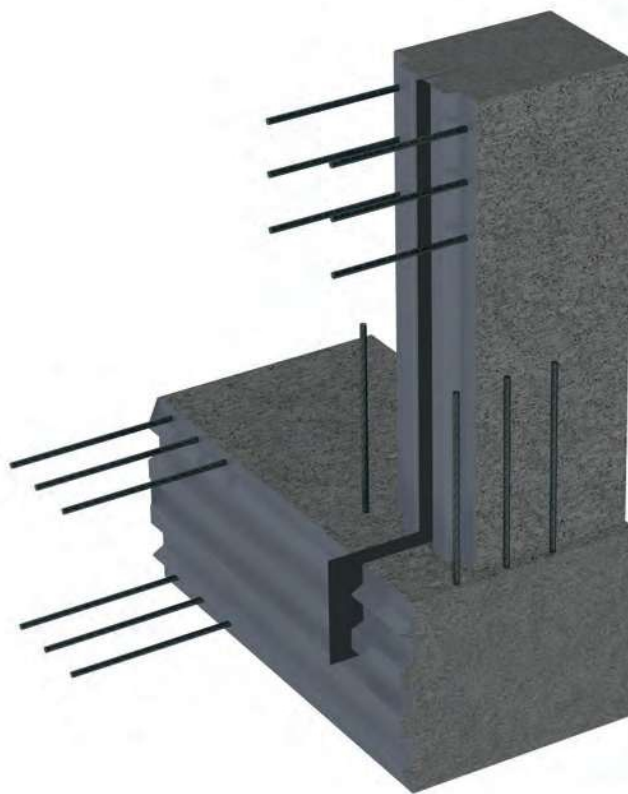
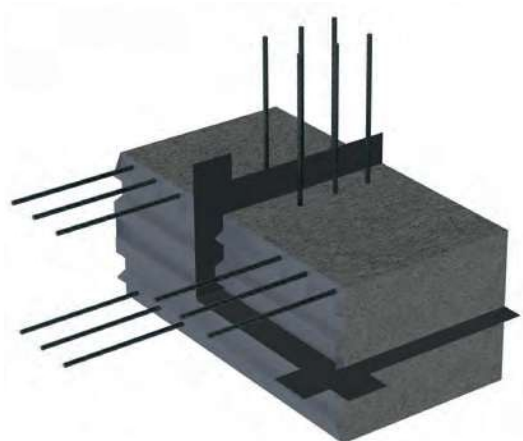


Application of the ErFlex system components:

- ➔ Sealing construction joints at the slab-wall, wall-slab contact (ErFlex 125, ErFlex 150)
- ➔ Forcing and sealing of cracks in foundation walls (ErFlex BV)
- ➔ Forcing and sealing of cracks in foundation slabs (RecoMax 3000 B)
- ➔ Formworking and sealing slab construction joints and foundation walls (RecoMax 1000 B, RecoMax 1000 BV, RecoMax 5000 B)

Advantages:

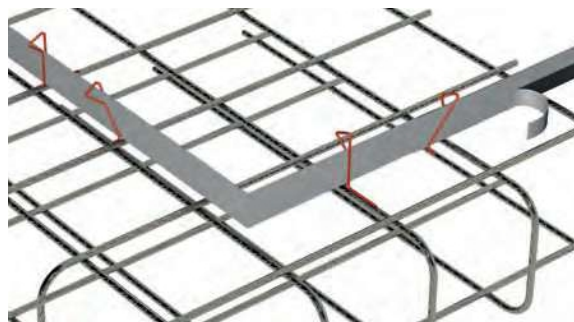
- ➔ Combination of sheet metal tape with bituminous layer.
- ➔ The bituminous material provides good adhesion to concrete.
- ➔ Sealing sheet metal tape in rolls.
- ➔ Simple and quick installation on the reinforcement.
- ➔ Simple connection of subsequent sections.
- ➔ Elimination of complicated shapes.
- ➔ Simple and quick installation on the reinforcement.
- ➔ Simple connection of subsequent sections.
- ➔ Elimination of complicated shapes.



Detailed instructions for Erflex BR installation



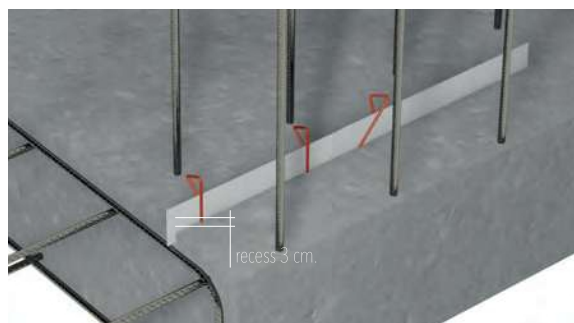
Fasten the sheet metal to the foundation slab reinforcement using fastening stirrups. Connect the tapes together with pins. The minimum overlap length of the tapes is 10 cm.



Match the sheet metal to the slab geometry. Before concreting, remove the tape protecting the bitumen for the first stage of concreting.



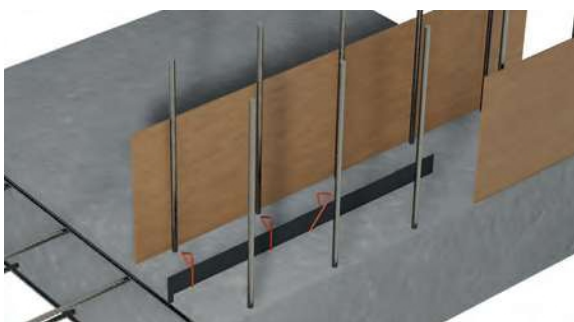
The sheet metal is connected with PVC tapes with fastening clamps and screws.



Minimum depth of slotted sheet metal recess in the foundation slab is 3 cm



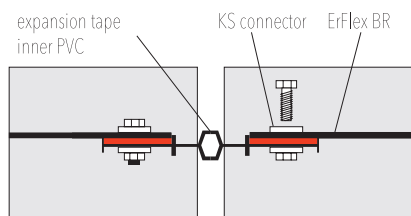
Remove the bitumen protection film for the second stage of concrete pouring. ErFlex should be mounted with the KA 8/18 or K 17 clamps. Connecting sections - KA 18/3.



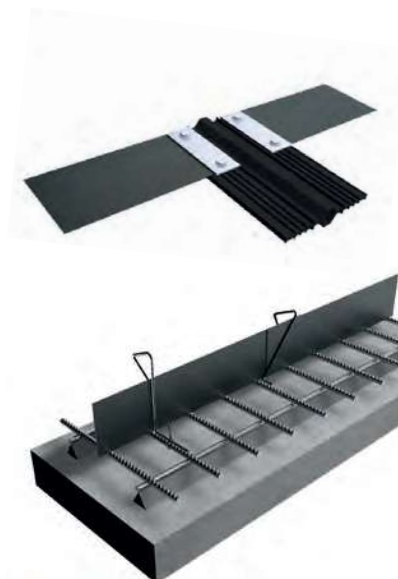
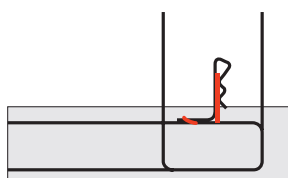
Set the formwork boards and make a wall in the second stage.

Before concreting, remove the film.

Connecting with PVC tapes



BS assembly with MBA 18/3 clamps



ErFlex system elements

- ➔ ErFlex 125 - it is available in two options - without a mounting foot (then mounting is carried out with the use of system clamps) and with a mounting foot.
- ➔ ErFlex 150 - it is available in two options - without a mounting foot (then mounting is carried out with the use of system clamps) and with a mounting foot.

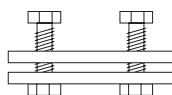
System elements:



BR - sheet in a roll
covered with bitumen on one side



BR+ - sheet in a roll
covered with bitumen on two sides.



KS - screw connector;
width: 5 cm, length: 165 mm



mounting clamp
omega 17/23



KA 17 - mounting
clamp



MBA 18/3 - fastening
clamp



KA 18/3 - fastening
clamp

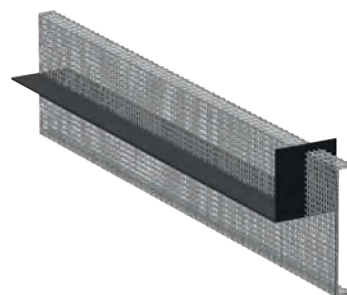
Notes:

- ➔ When installing a slotted plate covered with a sealing compound on one side, the coating should be laid on the upside.
- ➔ Mounting to the upper layer of the reinforcement with the use of a mounting angle bar or special mounting stirrups.
- ➔ Shortly before concreting, remove the appropriate part of the protective film.
- ➔ Recommended depth of slotted sheet metal recess in fresh concrete is at least 3 cm.

Art. no.	Type	Element type	Element width mm	Length m/roll	Quantity pcs./package
80803	BR	tape	125; 150; 165; 200; 250	25	1
80804	BR+	tape	125; 150; 165; 200; 250	25	1
80805	KA 8/18	clamp	-	-	100
80806	K 17	clamp	-	-	150
80807	K 18/3	clamp	-	-	50
80808	MBA 18/3	clamp	-	-	10
80809	KS	connector	-	-	10

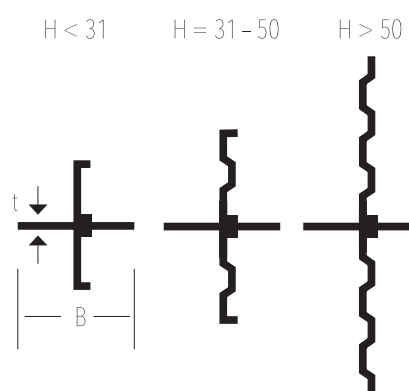
RecoMax 1000 B

The stay-in-place formwork for foundation and ceiling slabs with a bitumen seal.

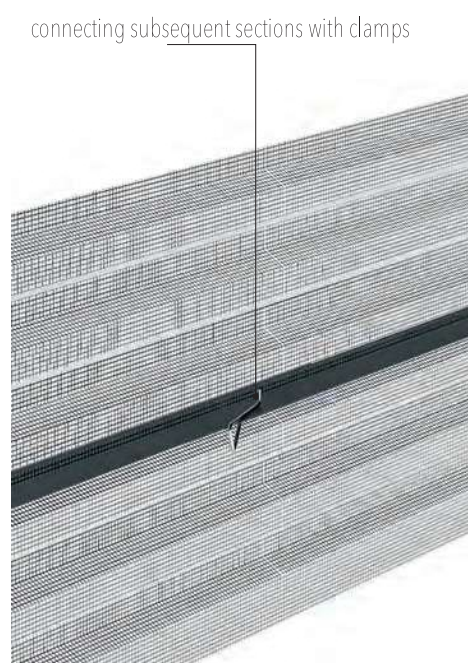
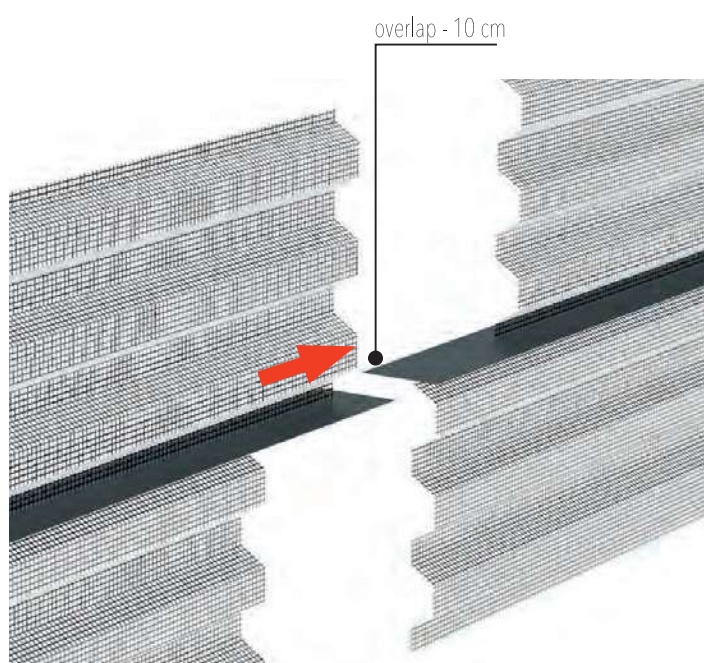


- ➔ RECOMAX 1000 B is used for making construction joints in reinforced concrete structures.
- ➔ Profile and its shape is made according to DIN 1045-1 for the highest quality construction joints.
- ➔ Tooth gap with contoured shape eliminates curling.
- ➔ RECOMAX 1000B guarantees sealing of the working joint.
- ➔ It does not have its own supporting structure.

Depending on the height, the formwork can take various forms:



Installation



Self-supporting $h < 30$ cm

Stage 1

Fixing RecoMax 1000B to the reinforcing mesh



Stage 2

Adding top reinforcement and wooden beam (square timber)



Stage 3

Concreting the work plot



Guy ropes $h > 30$ cm

Stage 1

Installing RecoMax 1000B with top reinforcement and horizontal stiffening.
Installing guy ropes



Stage 2

Adding a wooden beam (squares)



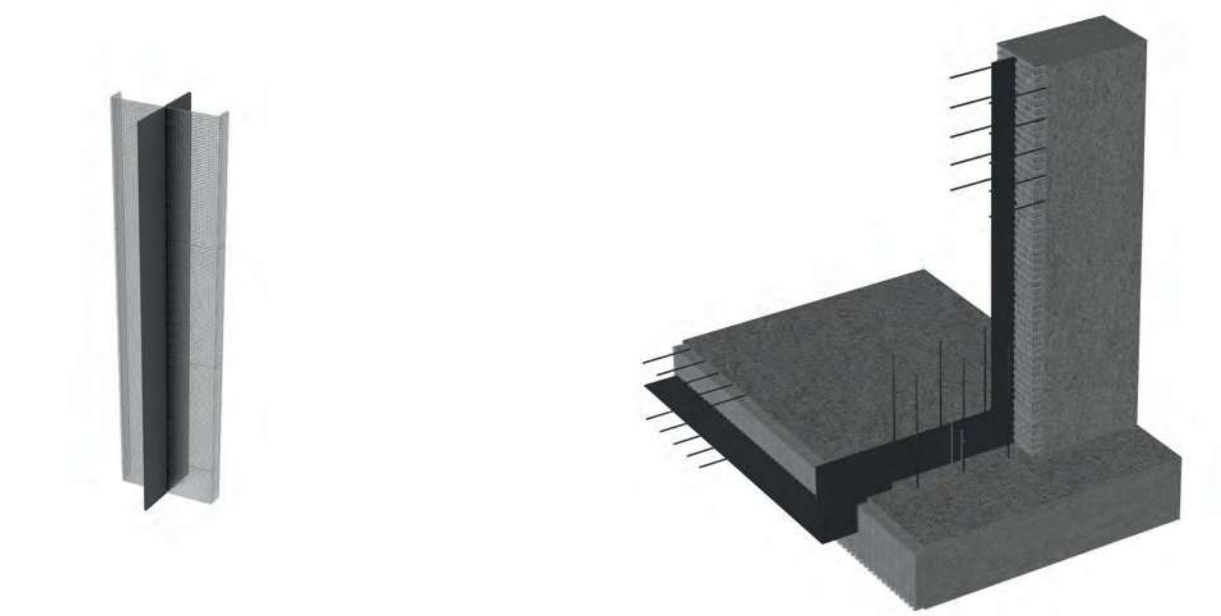
Stage 3

Concrete pouring - perform with pressure on the bars

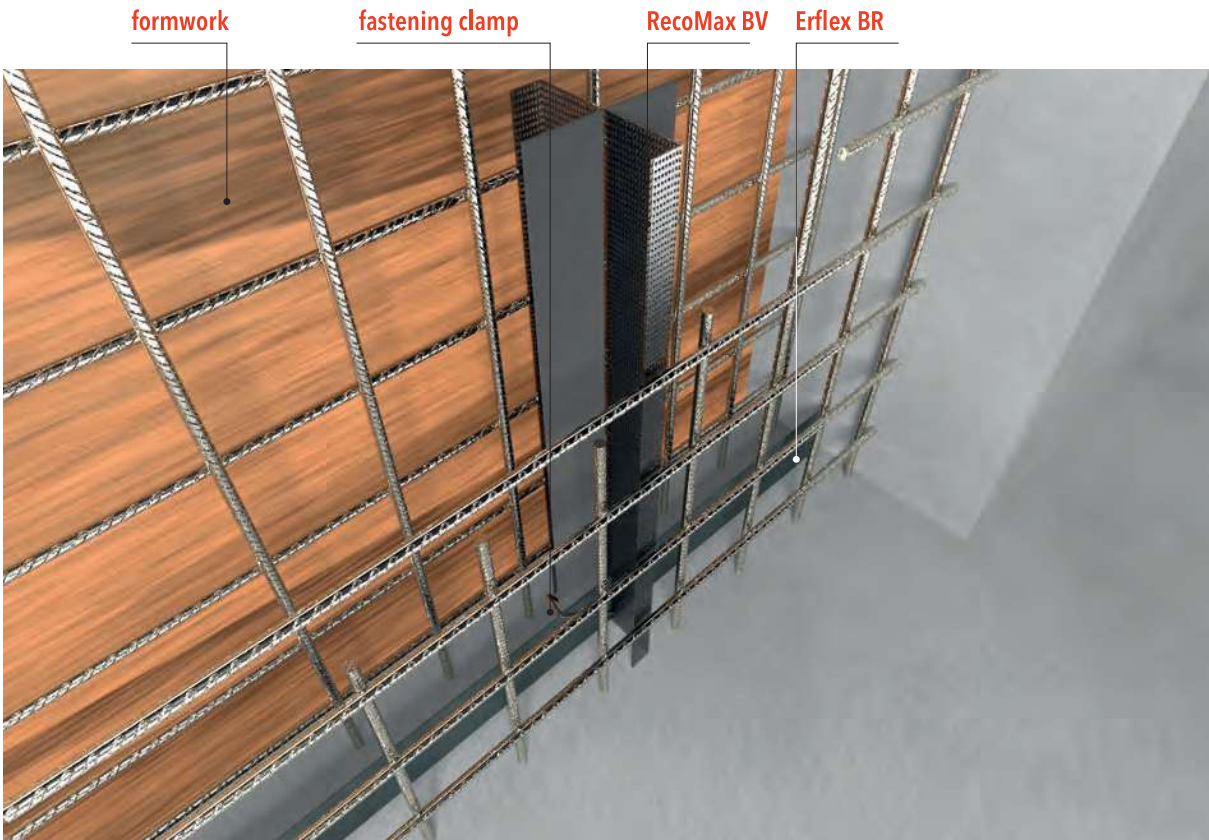


RecoMax 1000 BV

Stay-in-place formwork for foundation wall construction joints with bituminous sealing (Erflex BR mesh).



Art. no.	Art.	Sealing sheet thickness mm	Sheet width mm	Total length m	Mesh thick- ness mm	The height
50301	RecoMax 1000BV	1.20	150	2.35	0.70	on request
50302	RecoMax 1000B	1.20	150	2.35	0.70	on request



ErFlex BV

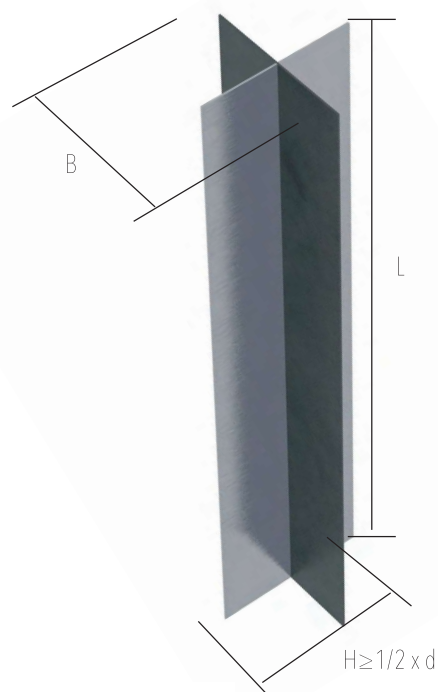
The component for inducing and sealing scratches in walls. The width of the component is chosen based on wall thickness and it is at least equal to half of it (full forcing sheet + Erflex BR).

- ➔ ErFlex BV must be installed between the wall reinforcement.
- ➔ Square timbers can be used to create a groove to facilitate the formation of a crack.
- ➔ It is recommended to install ErFlex BV together with the ErFlex 125 or ErFlex 150 sheet.

Recommended spacing according to the formula $L=h/(2xd)$ where:

h = wall height

d = wall thickness

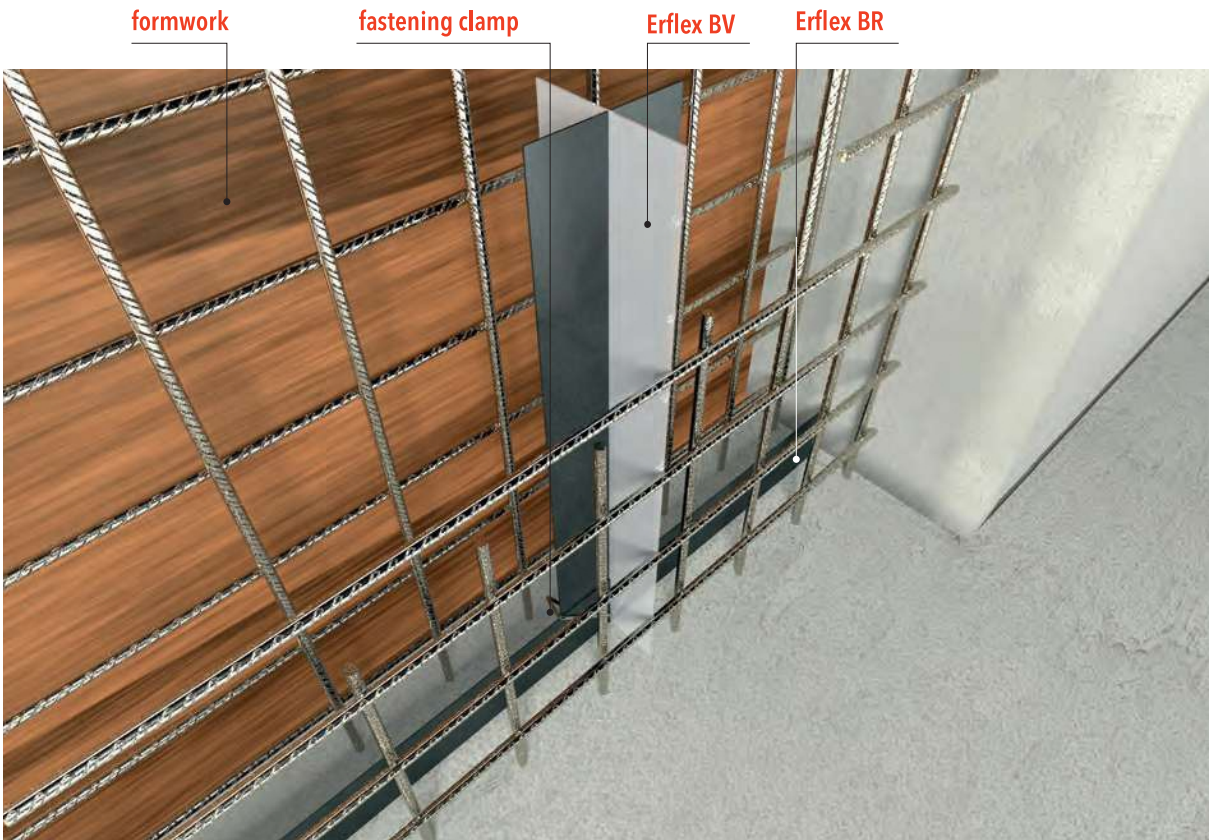


Uncontrolled cracks



Cracks created using ERFLEX BV





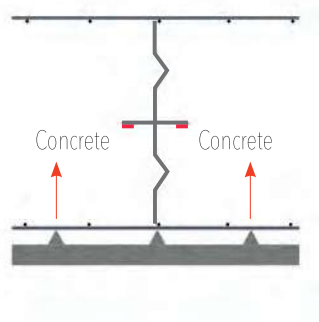
Art. no.	Art.	Sealing sheet thickness mm	Sheet width B mm	Total length L m	Sealing sheet mm	Forcing sheet width H mm	Component thickness mm
50601	ErFlex BV	1.20	150	3	0.70	80	160
50602	ErFlex BV	1.20	150	3	0.70	125	250
50603	ErFlex BV	1.20	150	3	0.70	150	300
50604	ErFlex BV	1.20	150	3	0.70	on request	2H

RecoMax 3000 B

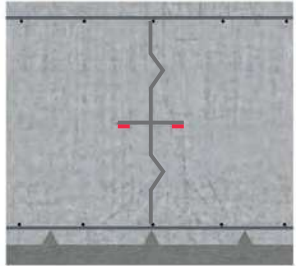
A component for inducing and sealing cracks in foundation and ceiling slabs. The width of the element is chosen in based about slab thickness and it is equal to at least half of it.



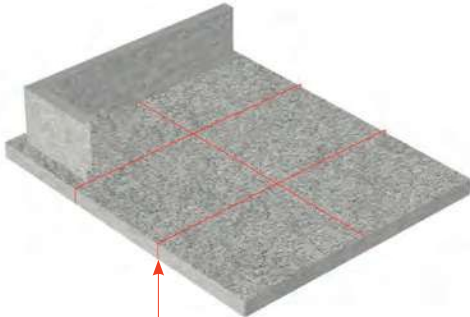
➔ Phase I - Installing RecoMax 3000B assembly and casting the entire slab



➔ Phase II - Installing a chamfer strip or concrete cutting



➔ Phase III - Control cracks



The reinforced concrete slab crack where RecoMax 3000 B is installed

➔ Method of connecting subsequent elements: "notch and tongue"



For components of up to 30 cm high, Erflex BV and Recomax 3000B products are identical.

Art. no.	Art.	Sealing sheet thickness mm	Sheet width B mm	Total length L m	Sealing sheet mm	Forcing sheet width H mm	Thickness thickness mm
50605	RecoMax 3000B	1.20	150	3	0.70	on request	