

mastix sa

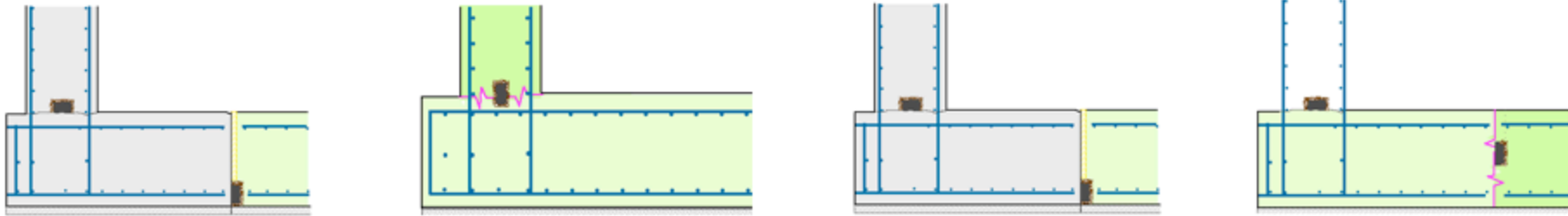
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BFL-Mastix bands

Joints in concrete structures

Work joint
Strinkage joint
Setting joint
Programmed shrinkage joint

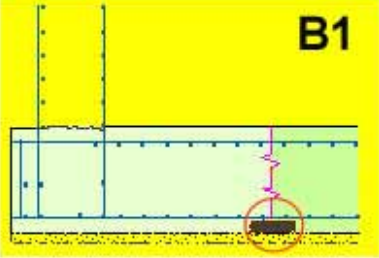
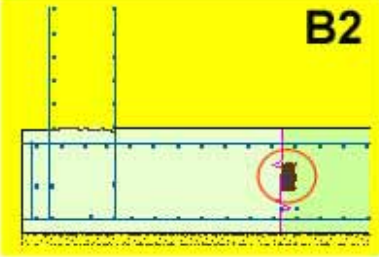
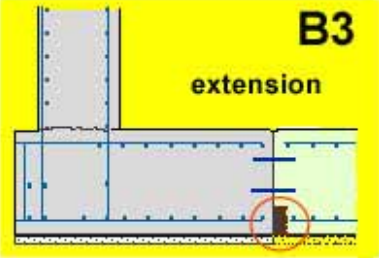
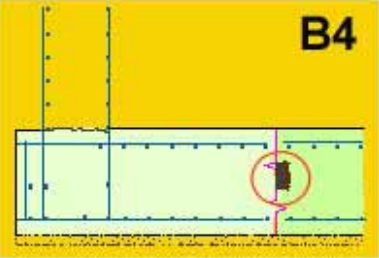
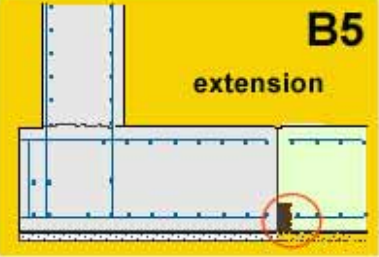
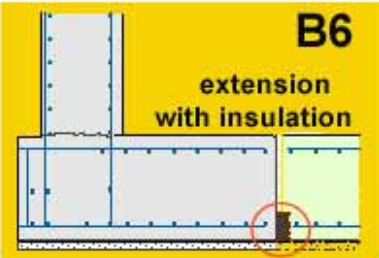
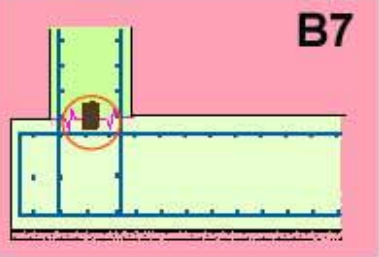
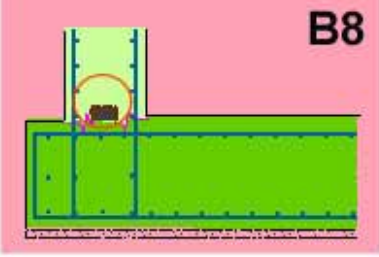
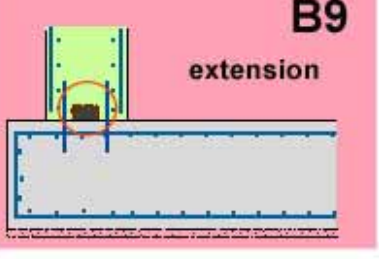


Applications

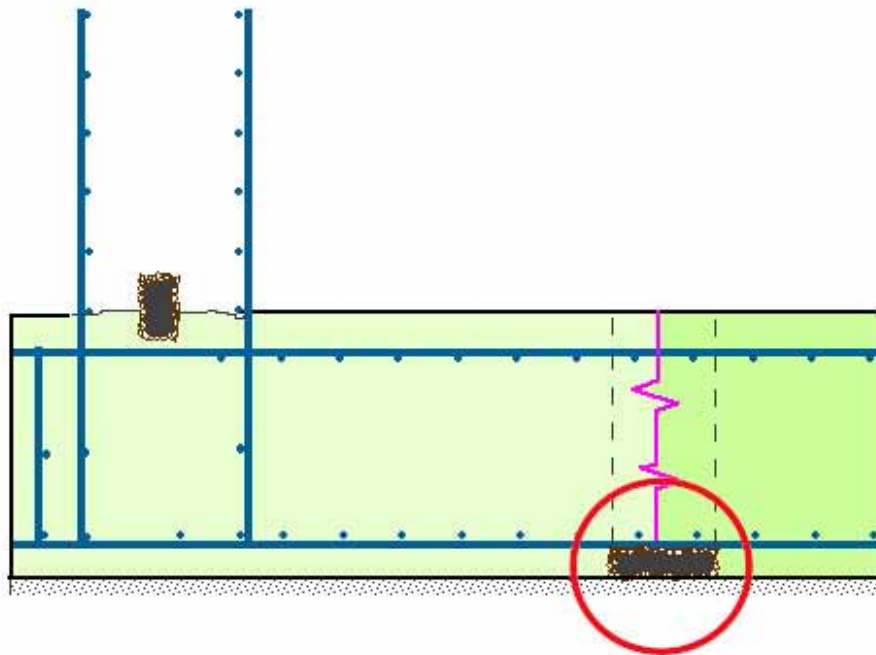
Raft - raft




Raft - wall

Summary of courant applications of the **BFL-Mastix** bands

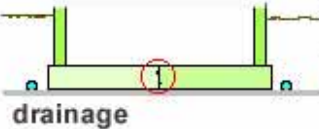
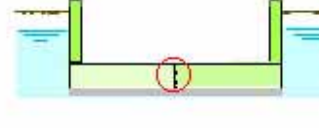
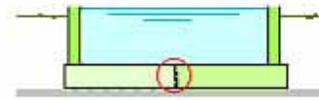
	work joints	shrinkage/settling joints
raft/raft	<p>B1</p>  <p>B2</p>  <p>B3 extension</p> 	<p>B4</p>  <p>B5 extension</p>  <p>B6 extension with insulation</p> 
raft/wall	<p>B7</p>  <p>B8</p>  <p>B9 extension</p> 	

Work joint between concreting stages of a foundation raft



-  lean concrete
-  1st concreting stage
-  2nd concreting stage

Choice of a BFL-Mastix band

risk of water infiltration	bands
 <p>subsoil water - rain - spring drainage</p>	<p>20/70 R4 20/120 R4</p>
 <p>water level - permanent - intermittent</p>	<p>20/70 R4 20/120 R4</p>
 <p>- swimming pool - basin - reservoir</p>	<p>20/70 R4 20/120 R4</p>

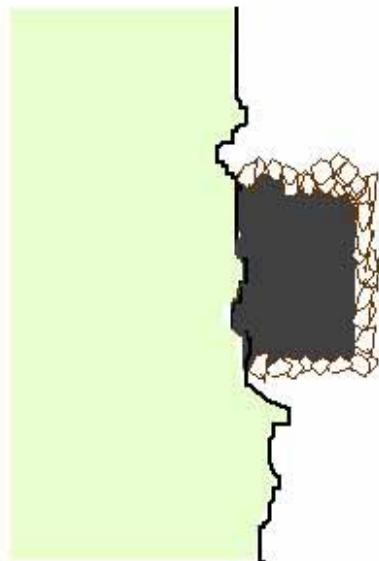
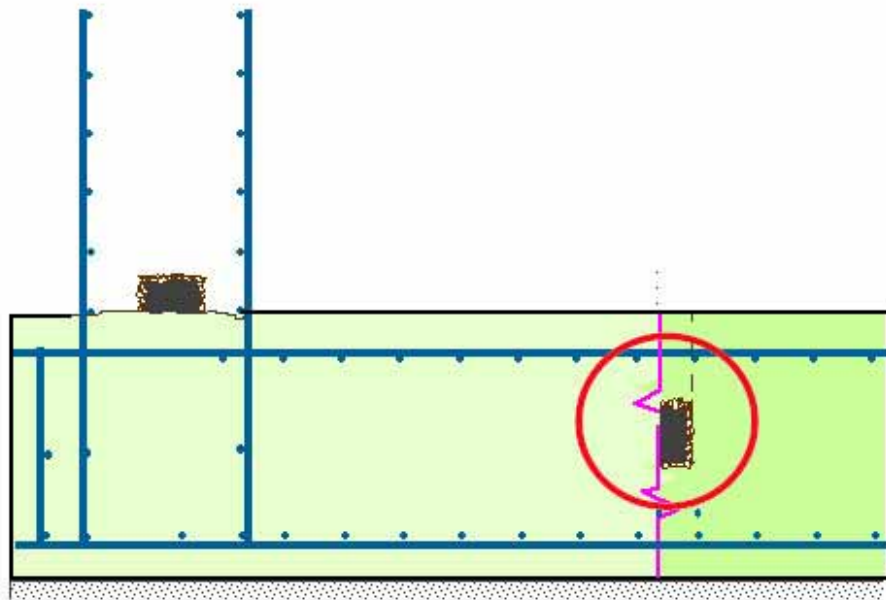
Way of application




The bands are placed on the lean concrete and fixed with nails

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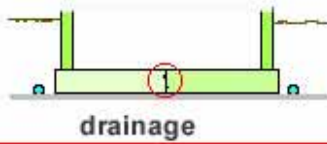
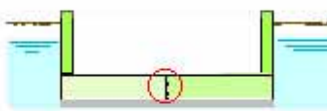
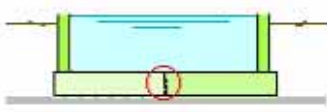
B1

Work joint between concreting stages of a foundation raft



-  lean concrete
-  1st concreting stage
-  2nd concreting stage

Choice of a BFL-Mastix band

risk of water infiltration		bands
 <p>subsoil water - rain - spring</p> <p>drainage</p>	1	30/40 R
 <p>water level - permanent - intermittent</p>	2	20/70 R
 <p>- swimming pool - basin - reservoir</p>		30/40 R

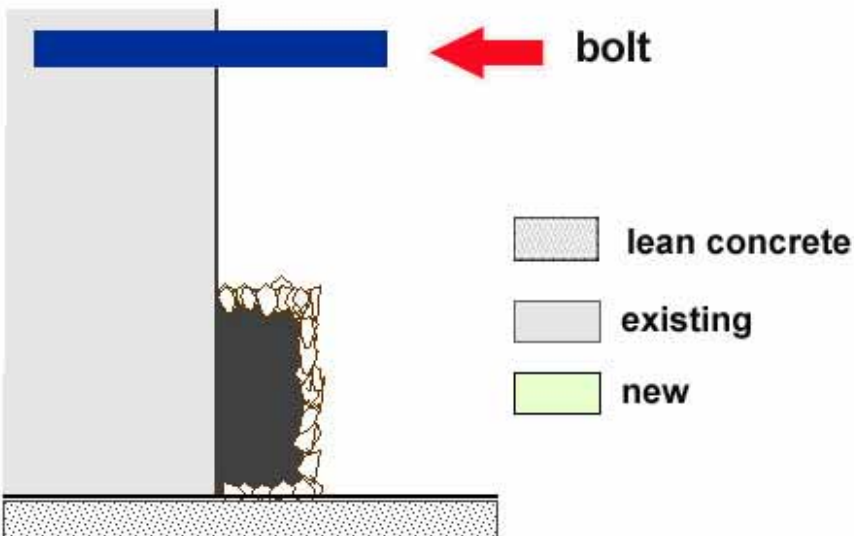
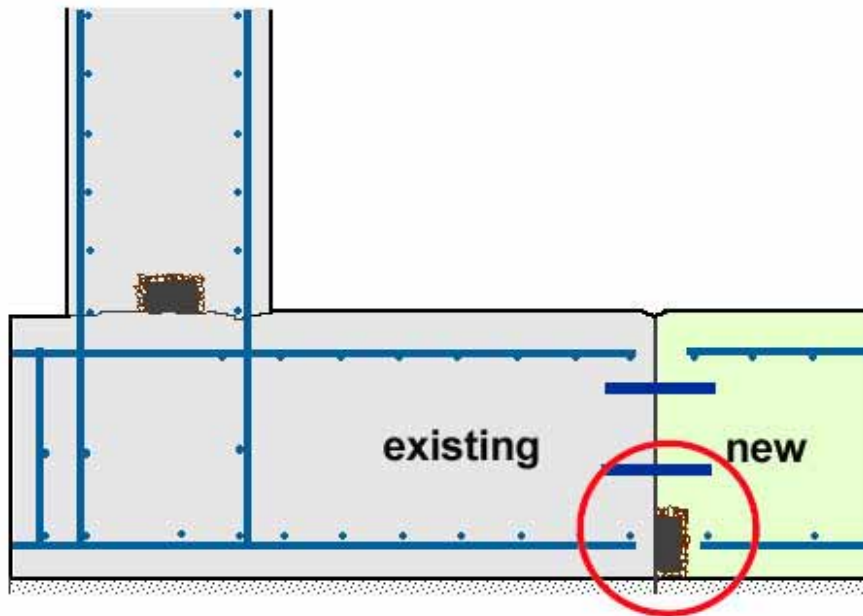
Way of application

- 1** The bands are hot glued
- 2** The bands are applied with 2-components epoxy glue.

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B2

Work joint between an old foundation raft and a new one



Choice of a BFL-Mastix band

risk of water infiltration		bands
<p>subsoil water - rain - spring drainage</p>	1	30/40 R
<p>water level - permanent - intermittent</p>	2	20/70 R 30/40 R
<p>swimming pool - basin - reservoir</p>		

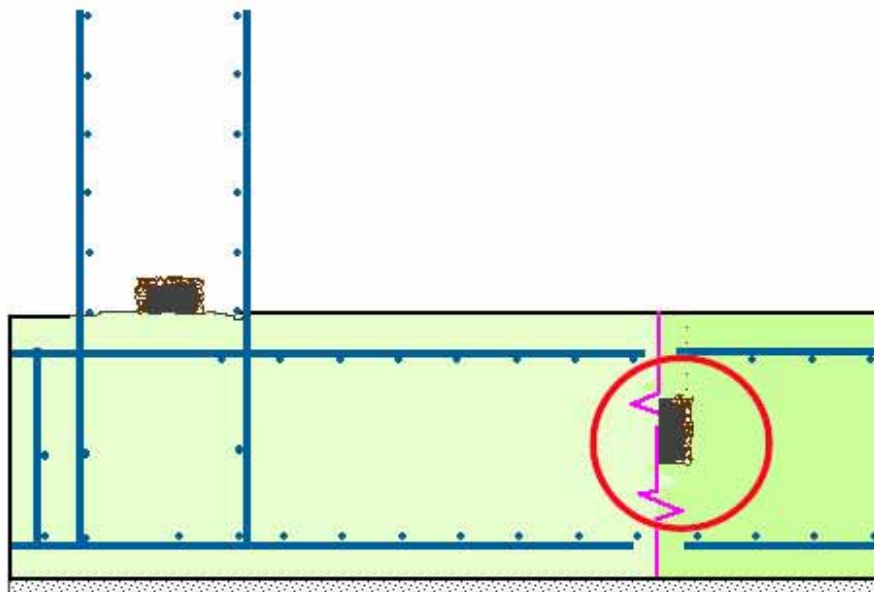
Way of application

- 1** The bands are hot glued
- 2** The bands are applied with a 2-components epoxy glue.

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

B3

Shrinkage and settling joint in a foundation raft



The bands are capable to support traction and shear movements

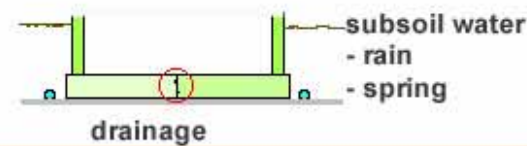


-  lean concrete
-  1st concreting stage
-  2nd concreting stage

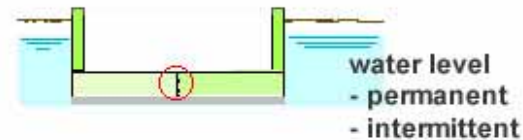
Choice of a BFL-Mastix band

risk of water infiltration

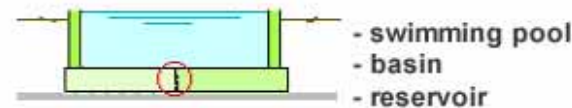
bands



1 40/50 R4 1/2D



2 40/50 R4 1/2D
40/70 R4 1/2D



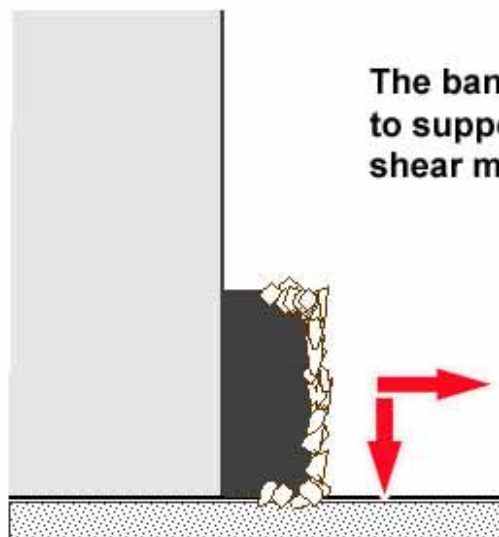
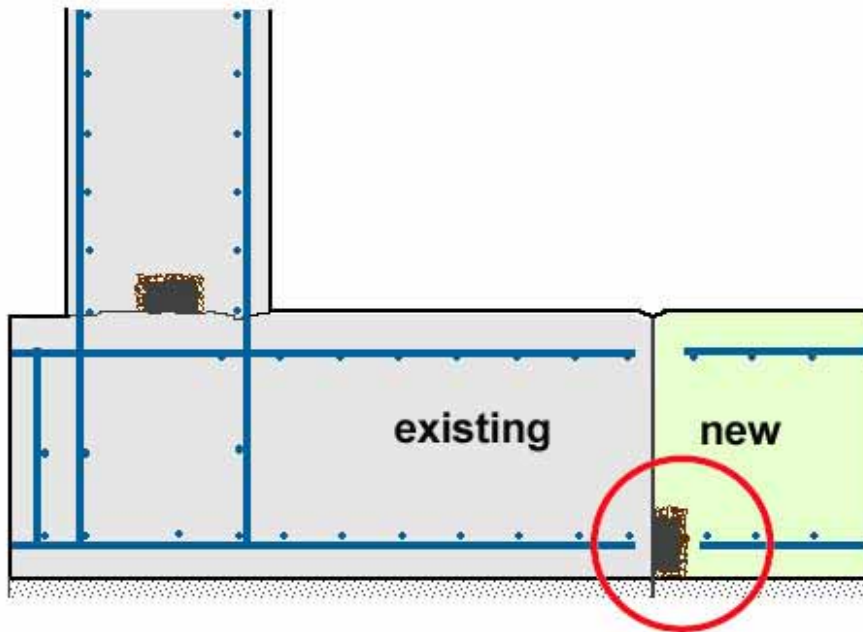
Way of application

- 1** The bands are hot glued
- 2** The bands are applied with a 2-components epoxy glue and confinement string




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B4

Shrinkage and settling joint between an old foundation raft and a new one



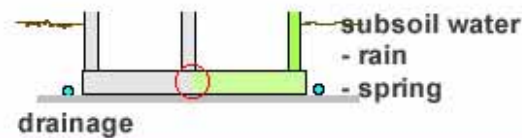
The bands are capable to support traction and shear movements

-  lean concrete
-  existing
-  new

Choice of a BFL-Mastix band

risk of water infiltration

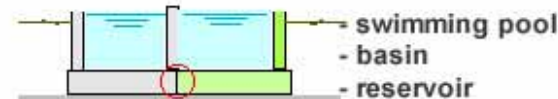
bands



1 40/50 R41/2D



2 40/50 R41/2D
40/70 R41/2D



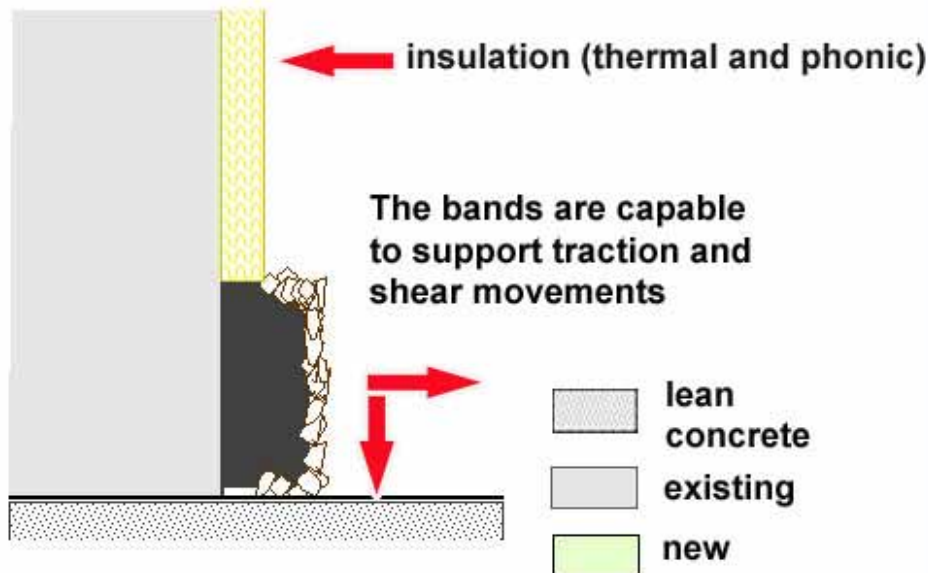
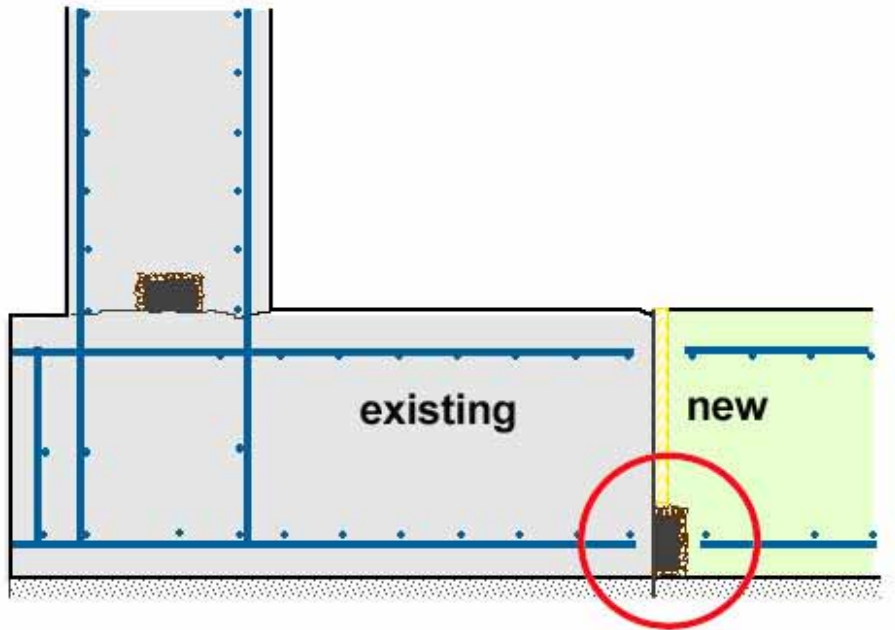
Way of application

- 1** The bands are hot glued
- 2** The bands are applied with a 2-components epoxy glue and confinement string

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B5

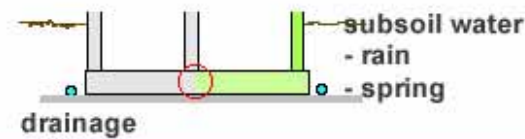
Shrinkage and settling joint between an old foundation raft and a new one



Choice of a BFL-Mastix band

risk of water infiltration

bands



1 40/50 R41/2D

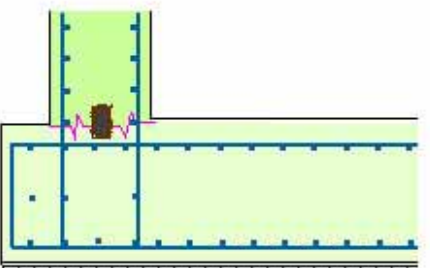
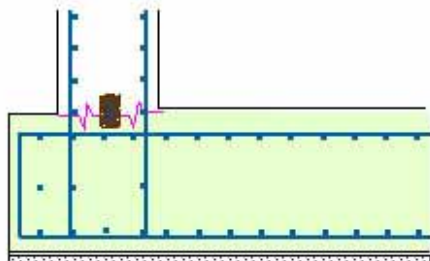
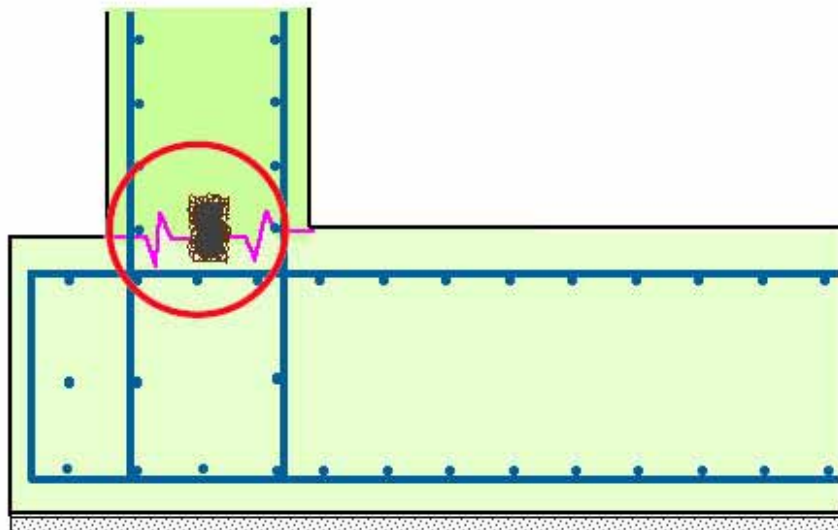
Way of application

- 1** The bands are hot glued or with a 2-components epoxy glue

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B6

Work joint between foundation raft and wall

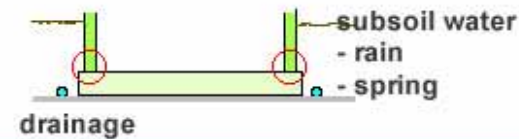


-  lean concrete
-  raft concrete
-  wall concrete

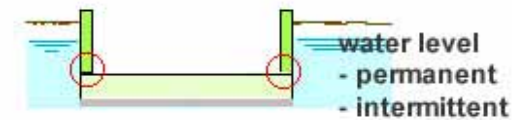
Choice of a BFL-Mastix band

risk of water infiltration

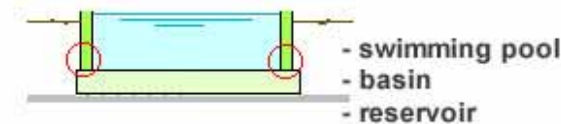
bands



20/70 R4



20/70 R4
40/70 R4



Way of application

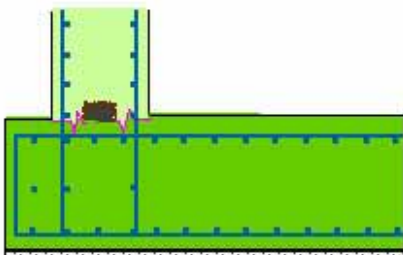
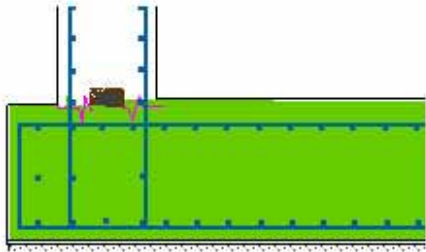
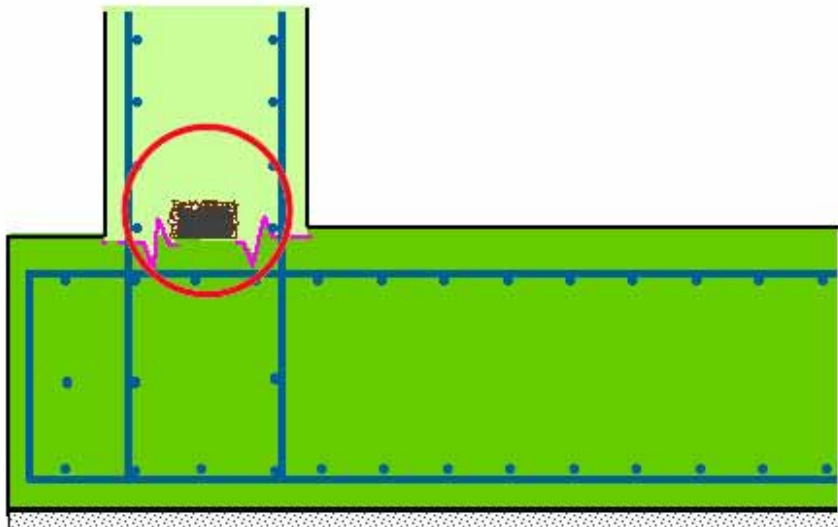
The bands are incorporated in the fresh raft concrete.




They can remain there for several weeks, regardless the weather conditions.

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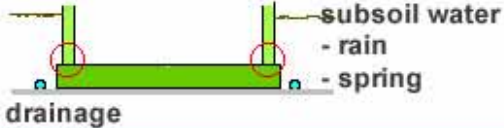
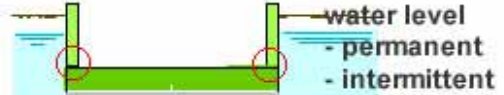
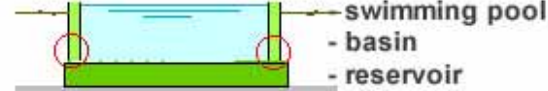
B7

Work joint between foundation raft and wall



-  lean concrete
-  raft concrete (hard)
-  wall concrete

Choice of a BFL-Mastix band

risk of water infiltration	bands
 <p>subsoil water - rain - spring drainage</p>	<p>1 30/40 R</p>
 <p>water level - permanent - intermittent</p>	<p>2 20/70 R 30/40 R</p>
 <p>swimming pool - basin - reservoir</p>	

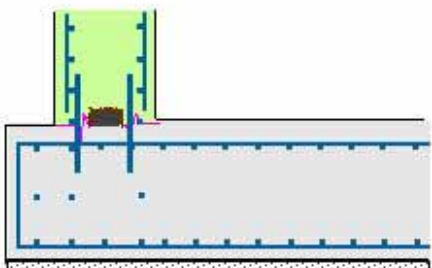
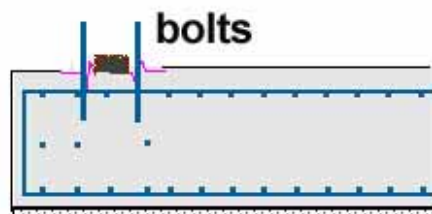
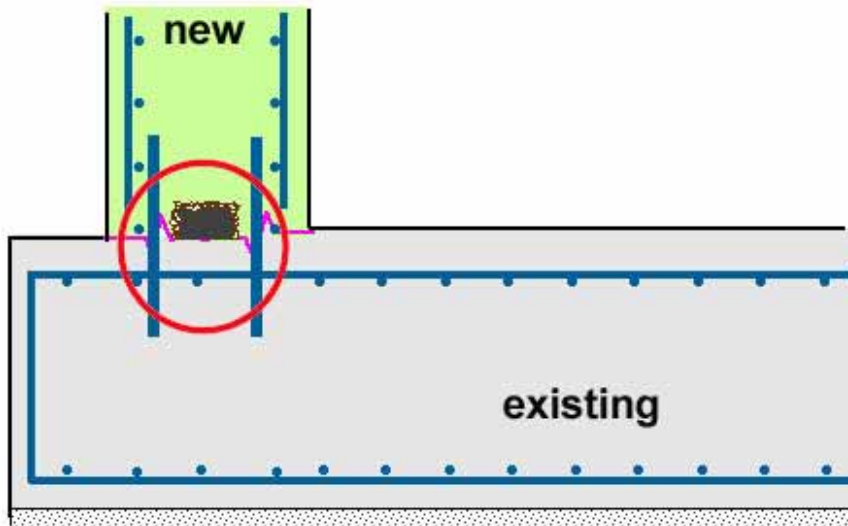
Way of application

- 1** The bands are hot glued
- 2** The bands are applied with a 2-components epoxy glue

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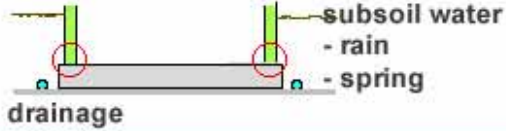
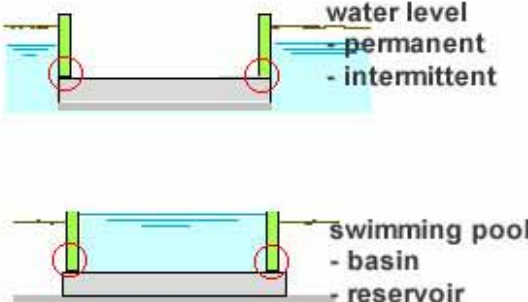
B8

Work joint between foundation raft and wall



-  lean concrete
-  existing
-  new wall concrete

Choice of a BFL-Mastix band

risk of water infiltration	bands
	1 30/40 R
	2 20/70 R 30/40 R

Way of application

- 1** The bands are hot glued
- 2** The bands are applied with a 2-components epoxy glue

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B9