



PLACING OF BFL-MASTIX BANDS TYPE R4

ISO 9001 : 2008

mastix@mastix.ch

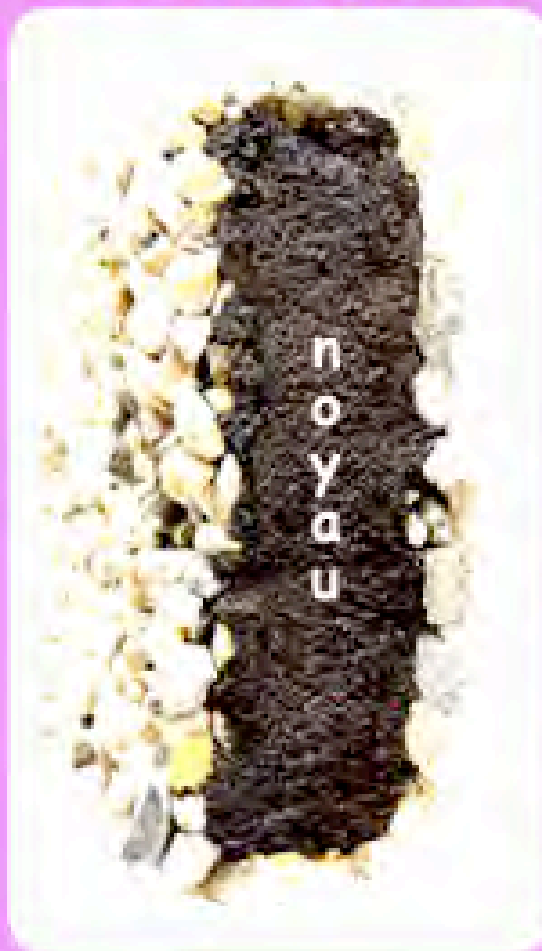
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Placing of bands BFL-Mastix R4 into fresh concrete

This concerns the profiles 20/40 R4 - 20/70 R4 - 20/120 R4 - 30/40 R4 - 40/50 R4 - 40/70 R4 and 40/100 R4

1. Description of the bands type R4

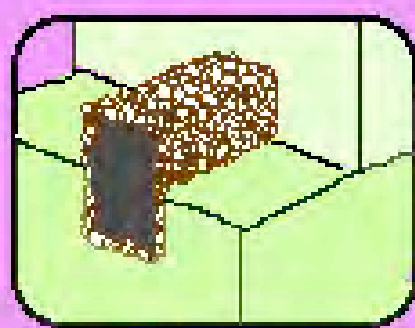


The bands R4 consist of a plastified rectangular bitumen-synthetic rubber core. The core is entirely coated by a crushed fine 4/8 mm gravel layer.

The core presents a high resistance against aggressions in the natural environment. It is chemically neutral and insensitive against the concrete alkalinity.

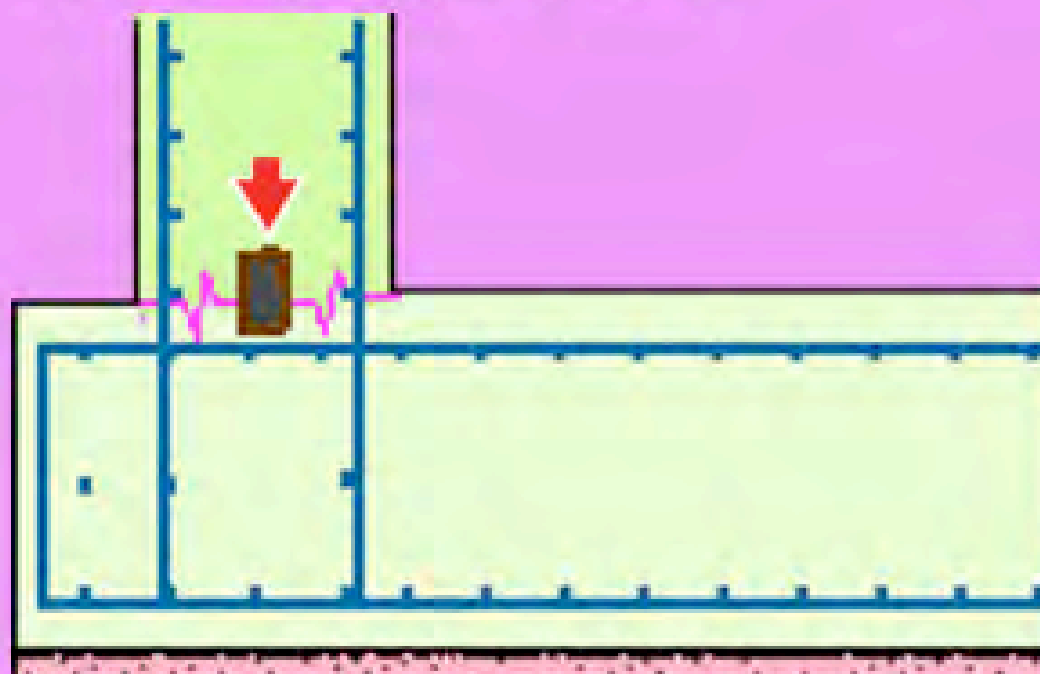
The core is highly resistant against charges by deicing salts in water, against acid and sulphated water and chlorinated water of swimming pools.

2. How to use the waterproofing bands R4



raft/wall

The bands R4 are particularly useful for the waterproofing of joints between concreting stages in rafts, in joints between raft and upgoing walls or in joints between concreting stages in walls.



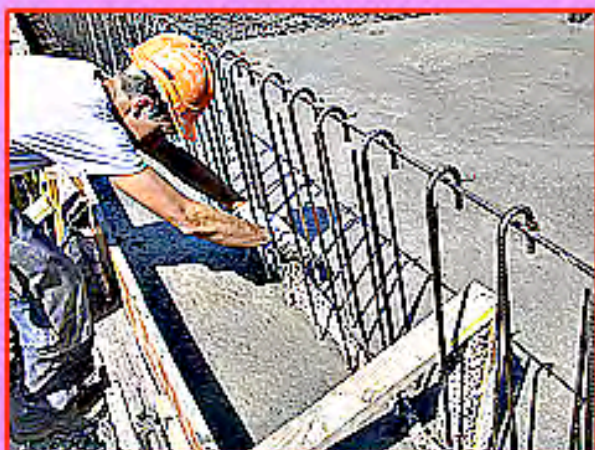
3. Required material for placing bands R4 into fresh concrete

- propane gas burner
- spatula
- protection gloves and glasses

4. Placing of bands BFL-Mastix R4 into a raft concrete

4.1 During concreting a raft, the bands R4 are placed into the concrete. The concrete should be neither too stiff nor too liquid. To simplify the placing of the bands, it is helpful to use an aluminium ruler and press a groove into the fresh concrete. After the placing procedure it is necessary to vibrate shortly around the bands to create a perfect adhesion with the concrete.

4.2 The connection between bands is carried out with the small gas burner.



Placing of BFL-Mastix waterproofing bands



Vibrating after placing the bands

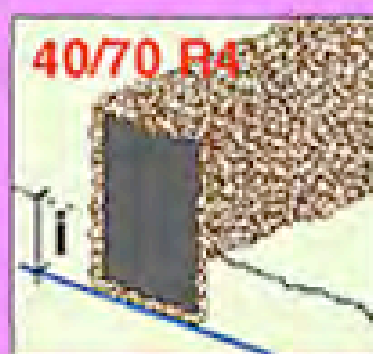
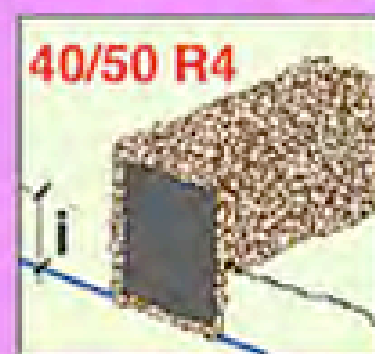
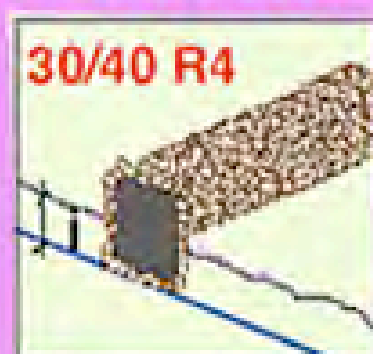
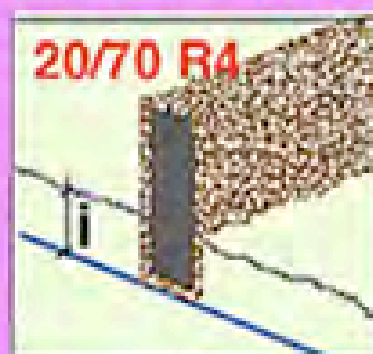
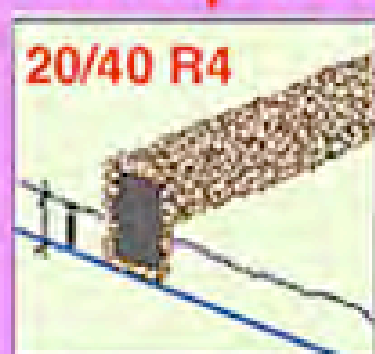


Connection between bands



In corners it is possible to bend the bands

4.3 Incorporation of bands BFL-Mastix



	i en mm
bande BFL-Mastix 20/40 R4	20 à 25
bande BFL-Mastix 20/70 R4	20 à 30
bande BFL-Mastix 30/40 R4	20 à 25
bande BFL-Mastix 40/50 R4	20 à 25
bande BFL-Mastix 40/70 R4	25 à 40
bande BFL-Mastix 40/100 R4	30 à 50

BFL-Mastix bands adhere perfectly in fresh concrete. They conserve this property even in the presence of movements.

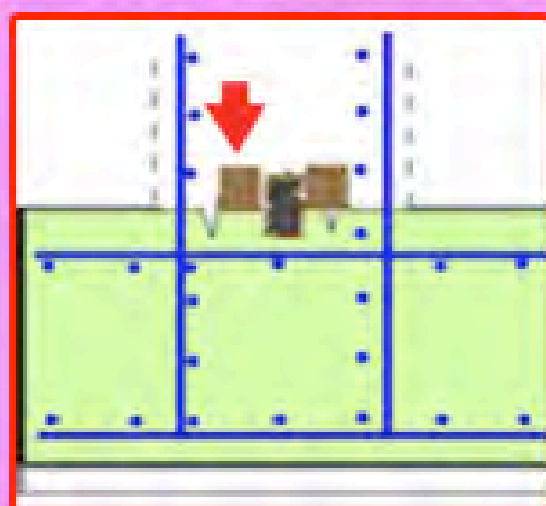
BFL-Mastix waterproofing bands do not swell in the presence of water.

Thanks to the fine crushed gravel coating on the core, the BFL-Mastix bands form a perfect barrier, so water cannot go round.

BFL-Mastix bands are the guarantee for a permanent waterproofing effect.

Experience over many years in all types of construction elements, in the presence of steady water or water under pressure, are the best proof for the quality of our technology.

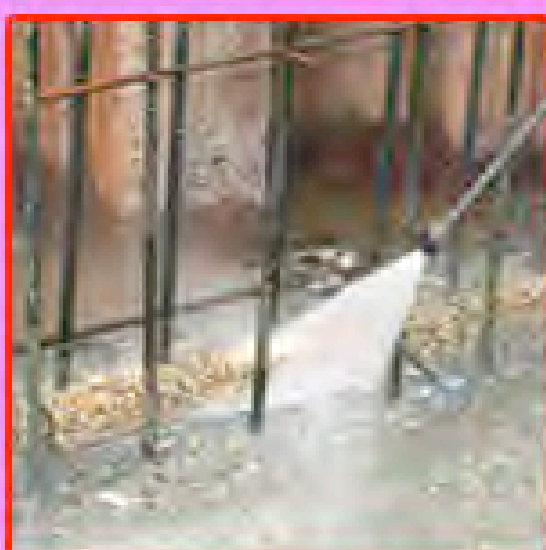
4.4



Before concreting walls, the BFL-Mastix bands must be protected where people would walk.

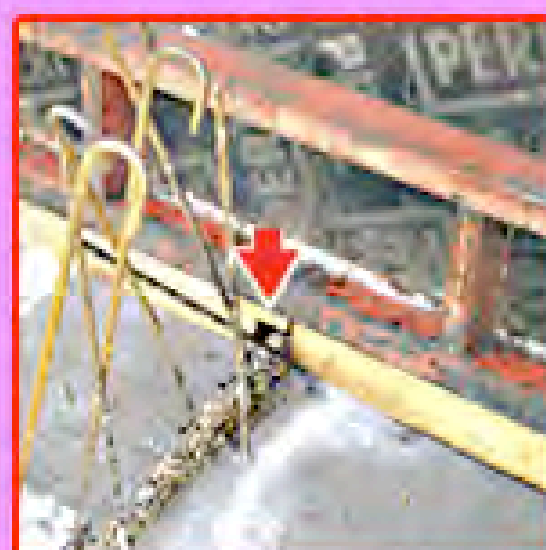
BFL-Mastix waterproofing bands can remain several weeks without protection under water, snow and ice.

4.5



Washing the surface of a work joint is an absolute requirement to reach a long term waterproofing of the joint between the raft and upgoing walls.

4.6



In order to avoid any squeezing of already placed bands under steel formwork panels, the band passage should be protected by some pieces of wood.

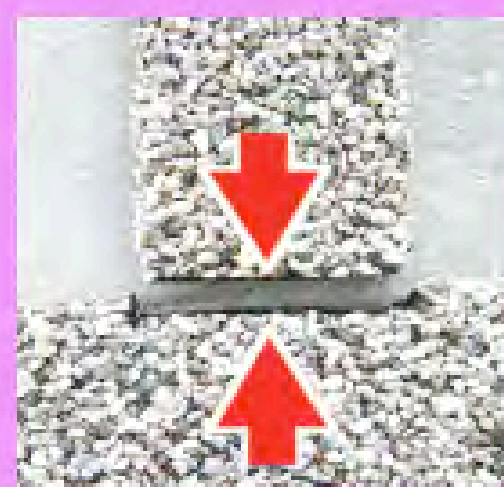
4.7 Longitudinal band connections are carried out with the gas burner and then band ends are simply pressed together.



4.8 To cut a band, a heated spatula should be used



4.9 To carry out a perpendicular band connection, one should cut a notch with the spatula. Then cut off the gravel coating over the length of the connection. The bands are connected with a gas burner..



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