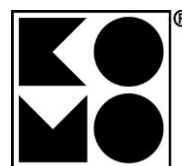


## Product sheet “MoClip Quattro”



### General information

The Quattro spacer is a stable spacer used on steel formwork. Due to the shape and little feet, the spacer is almost invisible after casting.

Due to the shape the Quattro spacer is also very light and cheap in transport cost.

The MoClip fits a 4 till 14mm bar and speeds up the production process. The different sizes have different colored Clips to distinguish the size.

### Sizes

#### Bags

Art. nr.	Type	Cover	Bottom size	Top size	Pc./pack	Kg/pack
112.020	MoClip Quattro	20	35	44	468	20,00 Kg
112.025	MoClip Quattro	25	35	44	360	22,00 Kg
112.030	MoClip Quattro	30	35	45	288	22,00 Kg
112.035	MoClip Quattro	35	35	47	216	21,00 Kg
112.040	MoClip Quattro	40	35	48	180	20,00 Kg
112.045	MoClip Quattro	45	35	48	144	20,00 Kg
132.050	MoClip Quattro	50	35	47	175	21,53 Kg
132.055	MoClip Quattro	55	35	47	150	19,16 Kg

Sizes in millimetres

## Product sheet “MoClip Quattro”

### Composition

The Concrete is poured in to a mould and is compacted trough high frequency vibrations. The nature concrete is composed of:

- Sand: 0/2mm
- Cement: CEM III/A 52,5
- Gravel: 2/8mm
- Water

To improve the hardening the concrete is stored in a moisturized heated room for 24 hours.

Design W.C.F.	=	0,42
Strength class	=	C45/55
Environmental class	=	XC4(NL), XD3(NL), XS3(NL), XF4(NL), XA3(NL)

The product is also available in C60/75 concrete or a CEM I concrete.

### Considerations

The MoClip Quattro is made of construction concrete which makes the MoClip Quattro suitable for use in waterproof construction. The MoClip Quattro is also suitable for exposed constructions. The MoClip Quattro is through its shaped bottom nearly invisible after dismantling of the formwork.

### Applications

The MoClip Quattro can be used in different kinds of construction, such as: bridge and tunnel entry's and exits, Bridges, roadways, land tunnels, etc.

### Maintaining material integrity

Concrete spacers and bar supports are made of the same material as the poured concrete, so thermal expansion and contraction are equal. And because they are the same material, the concrete and spacers will bond. No gaps!

Concrete spacers and bar supports help maintain material integrity and uniformity of the concrete, and provide a cover over the reinforcement that protects against corrosion.

What about Molenaar's concrete spacers with a plastic MoClip? Does the plastic MoClip in the concrete spacer have a negative effect on material integrity? Does it weaken the corrosion protective cover over the reinforcement? The answer is no!

The plastic MoClip is placed on the top of the spacer and does not come into contact with the surface of the concrete product. The plastic MoClip is embedded only 5 mm into the spacer, which maintains the material integrity at the product's surface. The plastic in the MoClip is used only for easily attaching to and holding the reinforcement, leaving the concrete part to do the work of the spacer.