

## Product sheet “MoClip Trio”



### General information

The advantages of flat- and round-headed versions are combined in a single model called “the Trio.” The Trio has the invisibility of the round-headed model and at least the stability of a flat-headed model. Because of its three feet it is more stable on rough surfaces. The three rounded feet ensure that they are nearly invisible, the precision-engineered curves ensure that even high-density concrete can flow under the Trio spacer to produce a smooth result.

### Sizes

#### Bags

Art. nr.	Type	Cover	Bottom size	Top size	Pc./pack	Kg/pack
112.020	MoClip Trio	20	35	44	468	20,00 Kg
112.025	MoClip Trio	25	35	44	360	22,00 Kg
112.030	MoClip Trio	30	35	45	288	22,00 Kg
112.035	MoClip Trio	35	35	47	216	21,00 Kg
112.040	MoClip Trio	40	35	48	180	20,00 Kg
112.045	MoClip Trio	45	35	48	114	20,00 Kg
112.050	MoClip Trio	50	35	51	114	23,00 Kg
112.055	MoClip Trio	55	35	52	108	19,00 Kg
112.060	MoClip Trio	60	35	54	108	22,00 Kg
112.065	MoClip Trio	65	35	54	108	22,00 Kg
112.070	MoClip Trio	70	35	59	96	22,00 Kg
112.075	MoClip Trio	75	35	59	72	19,00 Kg

Sizes in millimetres

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### 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/B 42,5 N LH/HS
- 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 Trio is made of construction concrete which makes the MoClip Trio suitable for use in waterproof construction. The MoClip Trio is also suitable for exposed constructions. The MoClip Trio is through its shaped bottom nearly invisible after dismantling of the formwork.

### Applications

The MoClip Trio 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.