



MASTER CHEMICALS TECHNOLOGY

MC- WATER STOP

Thermoplastic PVC water stop meets the requirements of CRD572-74

Description:

MC-Water Stop is a flexible PVC water stop for construction and expansion joints in concrete structures , with different sizes depending on their use.

MC -Water Stop complies with US Corps of Engineers specifications CRD - C 572- 74

Where to Use:

MC- Water Stop is used to seal construction and expansion joints in water and sewage Retaining structures and to keep water out of concrete structures.

Advantages:

- ◆ High quality PVC.
- ◆ Easy to install.
- ◆ Easy to weld
- ◆ Suitable for high water pressure.
- ◆ Multi rib sections.
- ◆ Different sizes and types.

Technical Data:

Type	: Polyvinyl chloride
Color	: Blue
Shore Hardness	: 80 ± 5
Tensile Strength	: $+12.2 \text{ N/ mm}^2$
Elongation at Break	: $+250\%$
Chemical Resistance	: Temporary to mineral acids and oil : Permanent to water, sea water and sewage
Alkali resistance	: Pass
Temperature for Welding	: Approx. 18°C

Selection of MC-WATER STOP:

The selection of **MC-Water Stop** depends on the type of joint, concrete thickness and expected movement . The width of the **Water Stop** should be equal or little less than the thickness of concrete slab and also related to the size of largest aggregate used.

Welding:

MC-Water Stop is made from thermoplastic PVC and can therefore be easily welded. The ends are secured in welding jig and heated with suitable welding equipment until an even molten bead of PVC appears, the welding equipment is then removed and the ends pressed together firmly.



Type	Width (mm)	Thickness (mm)	Max. water head (m)
15/3.5 V	150	3.5	5
20/4 V	200	4	10
24/5 V	240	5	15
24/5 O	240	5	15
24/6 V	240	7	20
24/9 V	240	9	27
24/9 O	240	9	27
32/7 V	320	7	27
32/7 O	320	7	27
30/5 V	300	5	25
24/9 S - V	240	9	27
24/9 S - O	240	9	27

Other sizes available on request

*For more details contact **Master Chemicals Technology** technical department
Or visit our website www.mc.com.com*

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