

MASTERFLEX[®] W4

PVC Waterstop for Compartmentalisation

Description

MASTERFLEX W4 is a compartmentalisation waterstop extruded from high grade PVC compound, compatible with the MASTERPREN PVC geo-membranes.

Primary uses

MASTERFLEX W4 is designed to provide a complete sealing network for compartmentalisation in water retaining and water excluding in-situ concrete structures, when used in conjunction with MASTERPREN PVC geo-membranes. The profile is supplied in straight lengths to be joined by welding on site. The use of MASTERFLEX W4 prevents the passage of water into adjacent compartments in case of leakage.

Advantages

- Simple on-site welding.
- Acts as a stop-end for injection grout when used at location of construction joints
- Controls and retains leakage at specific locations.

Design considerations

MASTERFLEX W4 combines all the accepted and proven principals of PVC Waterstop with a four-fin tortuous path design.

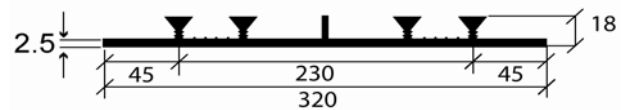
Supply / estimating

MASTERFLEX W4 profiles are supplied in 15 Metre rolls.

Dimensions of profiles may vary due to mould restraints.

*Technical data

| | Test Method | Unit | Value |
|------------------------|-------------|-------------------|---------------|
| Hardness | ISO 868 | Shore AA | 73 +/-3 |
| Weight density | ISO 1183 | g/cc | 1.36 +/- 0.03 |
| Tensile strength | ISO 527 | N/mm ² | 13 |
| Breaking strain | ISO 527 | % | ≥ 295 |
| Stiffening temperature | ISO 458/2 | °C | -37 +/- -2 |
| PVC BLUE | | | |



Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational Health & Safety standards ISO 9001, ISO 14001 and OHSAS 18001.

06/2007 BASF_CC-UAE revised 04/2010

* Properties listed are based on laboratory controlled tests which are carried out immediately after production.

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.