



**BITUMAT**  
بيتومات

## BITUMAT PVC WATERSTOPS. BMT W250 FDT

### DESCRIPTION

BITUMAT PVC WATERSTOPS are produced by melting and shaping mixtures obtained from Polyvinylchloride (PVC) resin, stabilizer, plasticizer, anti-oxidant and dyestuff in suitable temperature and pressure in Extruders.

### USES

BITUMAT PVC WATERSTOPS are used for providing water impermeability in expansion-contraction (structure) joint seen in concrete structures exposed to high & low water pressure and for preventing vibrations and deformations that would appear in concrete blocks.

### OUTSTANDING FEATURES

- **Proven Profile** - Solid fins promote better concrete compaction and simplifies site jointing.
- **Flexible** - Will accommodate movement during construction and service life.
- **Valve Action** - Created by concrete shrinkage around fins.
- **Grou-tite-fins** - Promotes dense concrete and prevents loss of fines at stop-end shutter.
- **Edge Flange** - Provide positive anchorage for tying wires fastened through reinforced wiring holes.
- **Moulded Transitions** - Available to link with Bitumat external waterstops.

### Equipment

PVC Edge Tie Welding Jigs	Unit various sizes
Electric (110v or 220v) Welding Knife	Unit
Mild Steel Welding Knife	Unit

### Equipment by others

Fine tooth saw, wire brush, Stanley knife, 110v or 220v power source, blow lamp if non-electrical mild steel knife is used.

### Health and Safety

Fused site welded jointing of PVC waterstops can result in the liberation of hydrochloric acid fumes. In confined spaces forced ventilation must be provided or a suitable respirator used.

On open sites special precautions are not normally required but operators should avoid inhaling any fumes. Before using electric welding knife ensure that it is correctly earthed.



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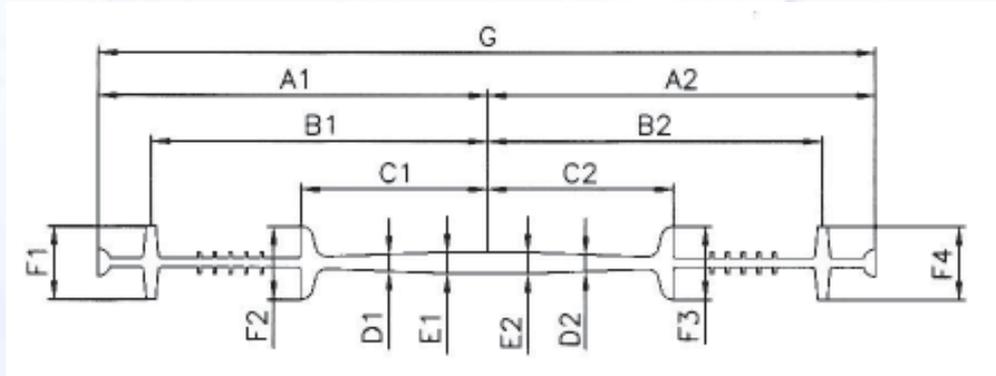
## BMT W250 FDT

### Profile Dimensions

BMTW01	90-O	R-00	2014
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1.) Total Width = 250 ± 5 mm	D (D1,D2) = 5 ± 2 mm
2.) A (A1, A2) = 125 ± 4 mm	E (E1,E2) = 7 ± 2 mm
3.) B (B1, B2) = 104 ± 4 mm	F (F1,F2,F3,F4) = 24 ± 3 mm
4.) C (C1, C2) = 58 ± 4 mm	

### Profile Drawing



### Product Specification

1.) Tensile Strength, N/mm <sup>2</sup>	>14*	BS 2782 Part 3 - 1976 Method 320 A
2.) Shore Hardness A	82	ASTM D 2240
3.) Cold Flexibility, °C	-35	ASTM D 746
4.) Elongation at Break, %	275 - 315*	BS 2782 Part 3 - 1976 Method 320 A
5.) Density, g/cm <sup>3</sup>	1.25 - 1.35	BS 2571
6.) Eyelet	Protrude through web and turn over to prevent displacement	
7.) Appearance	Smooth, consistent Bitumat apple green color	
8.) Stabilization	Lead free	

\*Typical Values measured on Profiles when stored under Proper Storage Condition.

### Packaging Details

1.) Average distance between eyelets	40 to 50 cm each side
2.) Average roll length	12 meters
3.) Weight of 12m roll	25 ± 2 Kg
4.) Weight of 1m roll	2.1 ± 0.1 Kg

The information given is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification but since the conditions of use are beyond our control we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale including those limiting warranties and remedies which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use which would violate or intrude statutory obligations or any rights belonging to a third party.

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