

TECHNICAL INFORMATION

TOPFLOW CONCRETE – MACRO FIBRE

A specially formulated self-compacting concrete containing an innovative high-performance blend of macro-synthetic and micro polypropylene fibre. For use in all slab type construction as a cost-effective replacement for crack-control mesh.

BENEFITS

- Offers replacement for most types of crack control or top mesh
- Suitable for use with either Topflow Horizontal or plain 10mm Topflow concrete mixes
- Placing Topflow mix and fibre reinforcement within the same operation offers significant productivity and cost benefits
- No need to order, store and place steel mesh reinforcement on site
- Topflow mix has been specifically developed and adjusted to allow the use of this fibre system by Tarmac
- Reduces the risk of plastic settlement and shrinkage cracking
- Increases impact, abrasion and shatter resistance of the concrete
- Increases the ultimate residual strength of the concrete
- Enhances the ultimate durability of the concrete
- Little or no impact on surface finish quality; floor finishes can be applied as normal
- Potential to increase bay sizes and reduce number of induced joints in the slab

SPECIFICATION NOTES

Concrete specification as per original Topflow product selected for use.

Flow range – 600mm-680mm flow.

Macro-synthetic and polypropylene fibre blend complies with EN14889-1:2006.

Finishing process – please note that the finishing process

is slightly different for this concrete. The first pass of the dapping bar should be a light pass at approximately one-third of the depth of the concrete. The second should be a 'drag' across the surface, which will hold any fibres present underneath the surface.

For more details contact

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