

MULTI AQUASTOP 1035

A Quick Setting Cement Compound Used to Stop Flowing Water in Concrete Water Retaining Structures

Description

MULTI AQUASTOP 1035 is a pre-mixed cementitious grey powder combined with accelerating chemicals to produce an instant setting repair compound to stop flowing water within 1-2 minutes in concrete water retaining structures.

Typical Applications

- * Stop soaking water caused by water pressure
- * Stop flowing water through holes and cracks in concrete and masonry surfaces
- * Seals around pipes, conduits and ducts
- * Areas of application are: reservoirs, dams, tunnels, cellars, underground garages, etc.

Advantages

- * Easy to use - addition of water only or applied to surface in powder form
- * Sets quickly within 1-2 minutes
- * Expands on setting
- * Non-staining
- * Durable
- * Frost and de-icing salt resistant

Direction for Use

- * MULTI AQUASTOP 1035 is a very fast setting material and all preparatory work must be completed before mixing is commenced.
- * The surface must be firm, clean, absorbent and free of dust or plaster.
- * Do not mix more product than can be placed in two minutes. Wet surface to be treated before application.
- * Add clean water to a small amount of MULTI AQUASTOP 1035 and mix to the consistency of putty.
- * Tool material into the prepared opening and hold firmly in place until product has hardened.

To stop flowing water, apply as follows:

- * Seal the crack from top to bottom, ending with the point of maximum pressure
- * To make the final closure, delay placing MULTI AQUASTOP 1035 until it is warm to the touch and then force it into the opening and exert pressure for a few minutes until the material hardens
- * Remove all surplus material. Wet cure MULTI AQUASTOP 1035 for at least 30 minutes.
- * For optimum results, wet cure for a further 3 days.

Typical Performance Results

Age	Compressive Strength (Mpa) (ASTM C-109)	Expansion Wet (ASTMC-157)
30 min	5	N/A
1 day	20	+0.04%
3 days	23	+0.08%
7 days	30	+0.09%
28 days	34	+0.11%

Typical Properties

Colour:	Grey/Brown
Application Temperatures:	+ 5° C
Setting Time:	+ 60 seconds
Trafficable:	After 5 minutes
Loading:	After 1 hour
Tools:	Rubber gloves / pointing trowel
Flashpoint :	Non flammable
Storage Life :	1 year

Watchpoints

- * Avoid contact with skin
- * Avoid contact with eyes

Packaging

Supplied in 5 and 15kg buckets

Quality Assurance

MCC LIMPOPO's production and testing programmes comply with local and international testing standards.

Updates

This data sheet supersedes all previous issues prior to this date: 31/05/97.