

TECHNICAL DATA SHEET

PAS-TDS-WPF-001

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	+0,8%
7 days	30	+0,9%
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

Pasiffire SD Projects (Pty) Ltd 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.