Masonry Cement Composites (Pty) Ltd

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Aquastop 5Kg



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TECHNICAL DATASHEET

AQUASTOP
Quick Setting Cement Compound to Stop Flowing Water

AQUASTOP is a pre-mixed cementitious grey powder combined with accelerating chemicals. Used as directed, it produces an instant setting repair compound to stop flowing water within 1-2 minutes in concrete water retaining structures.

TYPICAL APPLICATION
To 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 I-2 minutes
• Expands on setting
• Non-staining
• Durable
• Frost and de-icing salt resistant

WATCH POINTS
• Do not re-constitute the mix after initial setting has occurred.
• Do not mix more than can be used within 2 minutes.
• Pack onto itself while still wet when filling cracks or cavities. Smooth off with a wet cloth.
• Avoid contact with skin.

DIRECTIONS FOR USE
Surface Preparation:
Surfaces are to be clean, sound and free of deleterious substances. Remove all laitance, oil, grease, mould oil or curing compound from concrete surfaces using wire brush, bush hammer, scabbler or other plant as appropriate. When repairing damaged concrete, ensure that all loose concrete has removed down to a firm base.

Priming:
No priming is required. All concrete surfaces must be well wetted out and still wet or damp when applying AQUASTOP.

Application:
Whilst concrete is still wet, pack into cracks or cavities with dry AQUASTOP until it stops wetting out. Then mix up in a clean container enough AQUASTOP and water to form a stiff putty. Tool the putty with a pointing trowel into the areas where water is to be stopped and apply pressure until it has hardened. With cracks, seal at one end and finish with point of maximum pressure. Remove any excess product and wet cure AQUASTOP for another 30 minutes. For optimum results, continue to wet cure for a further 3 days.

TYPICAL PROPERTIES

Appearance Grey / Brown
Coverage 1.2m2 @ 10mm
Working Time 60 sec
Initial Set Time 120 sec
Hard Set Time 5 minutes
Loading Time 1 hour
Application Temp. 15°C to 25 °C
Application Thickness As required
Compressive Strength 20 MPa (1 day)
35 MPa (28 days)
Expansion Wet
ASTMC-157 1 day – 0.04%
3 days – 0.8%
7 days – 0.9%
28 days – 1.1%
Water Required Enough to form putty consistency

Equipment Care
All tools should be cleaned with thinners immediately after use. If delayed, the equipment will need mechanical action to clean or be discarded.

Warranty
Masonry Cement Composites (PTY) Ltd products have a manufacturing defect free warranty. Products, when applied as stipulated in this technical datasheet, will perform as specified without manufacturing defect.
REVISION: 5.2