

DATA SHEET

Description	ultraPLUG™ is a single component of hydraulic cement, selected silica sands, accelerators, and adhesion promoter.	
Uses	<p>Stops leakage and seepage through</p> <ul style="list-style-type: none"> • Masonry. • Concrete Floors. • Above and below grade. • Walls. • Junctions. • Around inserts like sleeves and pipe. • Holes, static cracks, faults. 	
Features & Benefits	<p>Features:</p> <ul style="list-style-type: none"> • Quick setting • Fully hydraulic • Nonmetallic • Requires no special tools • Shrinkage compensated • Can be overreacted/decorated 	<p>Benefits:</p> <ul style="list-style-type: none"> • Stops active water flow • Minimizes down time • Sets above or below water • Cannot rust • Easy to use • Expands to lock in place
Application		
Surface Preparation	<ul style="list-style-type: none"> • Area to be plugged must be cleared of any loose or unsound concrete, mortar, and debris using a wire brush or suitable tools. • For best results, if depression is less than 19mm in width or depth, chisel to this dimension with bottom wider than surface. • Flush with clean water. • If hole or crack is not leaking water at time of repair, dampen area before plugging. 	
Mixing	<ul style="list-style-type: none"> • Use between (14°C and 32°C). • Use approximately potable water of material 194mL per kg. Use warm water for cool temperatures and cold water for warm temperatures. • Mix thoroughly with clean water to stiff putty like consistency. Do not over mix. Do not mix more than can be used and put into place in 5 minutes. 	
Application	<p>Stopping running water</p> <ul style="list-style-type: none"> • Do not place ultraPLUG™ into the opening immediately; hold it in one hand or on a trowel until product starts to slightly stiffen, then press firmly into the hole or crack, starting at the top. • Maintain pressure on the patch for approximately 3 to 5 minutes until the material hardens. • After any active water has been stopped, cut excess patch even with surrounding walls for a proper finish without damaging the plug. <p>Sealing cracks in walls and floors</p> <ul style="list-style-type: none"> • Force ultraPLUG™ into the prepared crack with trowel or putty knife. Do not overwork. • Smooth out to form the desired finish. Apply coating once ultraPLUG™ has sufficiency hardened and dried. Suitable for ADFLEX / ADROOF / ADLON and ADSTONE. 	
Coverage	When mixed according to directions, 454g fills 246cm ³ or a crack 19mm by 19mm by 63cm.	
Clean Up	Clean all tools with soap and water immediately after use.	

- For Best Performance**
- Do not retemper
 - High temperatures accelerate set, low temperatures retard set
 - Do not fill voids greater than 490cm³ in one lift
 - Not to be used as a load bearing patching material
 - Not intended for over head or vertical anchoring

Technical Data	Compression Strength	psi
	1 hour	2,000
	28 days	8,000
	Flexural Strength	
	7 days	300
	Tensile Strength	
	7 days	300

Packaging	ultraPLUG™ <ul style="list-style-type: none"> • 4.64 kg cans, 4 cans per carton • 22.7 kg pails
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Shelf Life	Typically 1 year when stored in unopened containers under normal conditions.
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Precautions	<p>Warning: ultraPLUG™ contains Portland cement, silicon dioxide (quartz), calcium oxide. Prevent contact with skin and eyes. Prevent inhalation of dust - DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the 1EV is exceeded or if use is performed in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations.</p> <p>Risks: Product is alkaline on contact with water and may cause injury to skin or eyes. Ingestions or inhalation of dust may cause irritation. Contains small amount of free respirable quartz which has been listed as a suspected human carcinogen by NTP and ARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.</p> <p>First Aid: In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION, In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.</p>
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