

GARON PLUG™



Quick-Setting Hydraulic Cement



DESCRIPTION

Garon Plug™ is fast setting hydraulic cement with exceptional structural strength, which may be used to repair pressure leaks in concrete masonry. **Garon Plug™** is non-shrink and does not contain metallic of any type and hence will not rust or deteriorate.

USES

Garon Plug™ is used for patching and filling cracks, blisters or spalls found in concrete masonry construction. Ideal for quick and easy repairs of precast, pre-stressed concrete. Anchors ornamental iron railings, bolts, dowels. Seals wall-floor joints from water seepage. Seals water leaks in dams, tunnels, sewers and other masonry construction.

PRODUCT ADVANTAGES

- Ready to use, just add water.
- Dries quickly, puts repaired area back in use sooner.
- Ideal for emergency repairs.
- Non-shrink characteristics insures a durable patch that will not pull away from edge.

YIELD/COVERAGE

- 5 gallons will fill approximately 73 linear feet measuring 3/4" x 3/4".

SURFACE PREPARATION

Concrete Surface must be clean, sound and dry. Remove dust, laitance, grease, curing compounds, preparation bond inhibiting impregnations, waxes and any other contaminants. All projections, rough spots, trowel marks (fins), etc. should be removed prior to coating to achieve a level surface prior to application. Clean and prepare concrete to achieve a laitance and contaminant free, open textured surface by shot blasting or use of other equivalent mechanical means per the International Concrete Repair Institute's (ICRI) 03732 Guidelines, Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings and Polymer Overlays, CSP 1-9. **Refer to Garon's Master Surface Preparation Guideline and Joint Guideline for complete details.**

Typical Technical Data For Garon Plug™ (Product and curing conditions at 70°F and 50% R.H.)	
Storage Conditions	Store dry at 40°F - 95°F. Condition material to 65°F - 75°F before using.
Set Time (ASTM C 191)	3 Minutes
Tensile Strength (ASTM C 307)	24 Hour: 210 psi 7 Day: 305 psi 28 Day: 364 psi
pH (ASTM F 710)	Measured pH solution value: 11
Compressive Strength (ASTM C 109)	1 Hour: 1,025 psi 24 Hour: 1,625 psi 3 Day: 3,750 psi 7 Day: 4,180 psi 8 Day: 5,050 psi

MIXING

Garon Plug™ is fast setting. **Mix Only An Amount That Can Be Placed In 3 To 5 Minutes. Do Not Re-temper after Garon Plug™** has started to set. Avoid overworking. Mix only enough to be sure that the cement is thoroughly dispersed.

APPLICATION & PLACEMENT

Mix **Garon Plug™** with enough water to make a batter consistency scratch coat, then place patch using a putty consistency mixture of **GARON PLUG™**. Mix one part water, three parts **Garon Plug™** by volume. To plug streams of water, prepare surface by cutting away to sound masonry. Mix **Garon Plug™** to a putty consistency and roll between the palms to obtain the desired plug size. As material starts to set, press firmly into opening and hold under pressure with hand or trowel for a few minutes until material hardens. Shave patch to make flush with surrounding surface.

HOT WEATHER: Garon Plug™ will set rapidly when the temperature is over 70°F. Ice water may be used to compensate for the accelerating effect of the weather. The cement should always be stored in a cool area preferably not over 70°F. Take every

effort to control the temperature factor to achieve optimum structural strength.

COLD WEATHER: Garon Plug™ should be stored at a normal room temperature. The use of warm water and preheating the area to be patched will help the material to harden faster. As a general rule, **Garon Plug™** should not be used under 40°F, unless these precautions are observed.

LIMITATIONS

The user is responsible for proper application. Garon personnel field visits are for the purpose of providing technical assistance only and are not for providing quality control or supervision on the jobsite. Minimum ambient and surface temperatures at 45°F and rising at time of application. Use only potable water for mixing.

CLEAN UP

Clean tools with soap and water.

FIRST AID

Skin contact- wash thoroughly with soap & water. If any product gets into the eye, rinse immediately and repeatedly with water for at least 15 minutes. For



respiratory problems, remove person to fresh air. Wash clothing before re-use.

Keep container tightly closed. Not for internal consumption--consult MSDS for additional information. This product is for professional use only.

KEEP OUT OF REACH OF CHILDREN

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