



# Hydro-Set Chemical Accelerating Admixture

T E C H N I C A L D A T A

**Description:**

**Hydro-Set** is a Calcium Chloride based solution containing wetting additives to accelerate the setting time and a densifier for all Portland cement mixes. Most mixes can set hard in 1 to 3 minutes depending on ambient temperature and dosage.

**Uses:**

To increase the hydration rate of the cement paste. Reduces permeability and water vapor transmission. Use as an additive to make quick setting underwater leak repair mortar, Cold weather setting aid on concrete and mortars.

**Limitations:**

**Hydro-Set** is not recommended for metal reinforced embedment since it is corrosive to metals. This impediment can be overcome by epoxy coating rebar, wires and any metal reinforcement prior to installation.

**Installation:**

Added to the mixing water in the recommended dosage before integrating with the Portland Cement mix. Use mortar as soon as possible and only mix enough that can be used in the allotted time. If added to concrete redimix, it would be preferable to add the neat chemical to the mixer on the job site and mix 70 revolutions prior to pouring.

**Packaging:**

5 gallon pails, 4 1-gallon cases and 55 gallon drums, 275 gallon totes.

**Compliance:**

ASTM D-98 Type L, ASTM C-494 Type C

**Clean-up and Safety:**

Irritant to skin, eyes and mucous membrane. Do not ingest. Use plenty of clean water to wash skin and eyes and seek Medical attention if irritation persists. If accidentally ingested Induce vomiting and seek medical attention immediately.

**Dosage**

Temperature F°	Dosage per 94# of Portland
80 and rising	1 Pint (16 ounces)
70 to 79	1 Quart (32 ounces)
50 to 70	1.5 Quarts (48 ounces)
30 to 50	1/2 Gallon (64 ounces)
20 to 30	3/4 Gallons (96 ounces)
30 and below	1 Gallon (using thawed water)

*This is only a reference. Field testing is encouraged*

**Warranty:** When product is used according to directions, warranty is limited to the refund of the purchase price if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen. Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor direct or indirect, and incidental or consequential damages related to the use or suitability of this product. No other warranties are implied. Responsible disposal of used products and packaging is the responsibility of the purchaser and or end user.

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