

**Polychem-R** is a highly concentrated liquid admixture conforming to ASTM C 494, Type D.

**Polychem-R** reduces the quantity of mixing water required to produce concrete of a standard consistency with the benefit of extended slump-life and workability.

Concrete produced with **Polychem-R** will experience rapid strength development after initial set occurs. If retardation is within the normal ASTM C 494, Type B and D specifications, **Polychem-R** will develop higher early and ultimate strengths than regular concrete under normal comparable curing conditions.

## APPLICABLE STANDARDS

General Resource Technology's **Polychem-R** meets or exceeds the requirements of ASTM C 494, Type D, CRD C 87, and AASHTO M 194.

## ADVANTAGES

- Extended slump-life
- Mix water reduction
- Controlled setting times
- Improved workability
- Aggregate segregation seduction
- Improved placement
- Improved finishing
- Reduced shrinkage and permeability

### Hardened Concrete

- Increased compressive and flexural strengths
- Reduced Cracking
- Improved freeze thaw resistance
- Enhanced finish

## DOSAGE RATES

2 to 5 oz. per 100# cementitious material for normal concrete mixes incorporating normal concrete ingredients. Variation in job conditions and materials may dictate dosage rates other than stated above.

## TECHNICAL SERVICE

General Resource Technology has trained representatives as well as technical consultants available to all specifiers and users to assist with field use and promotion, specifications and dispenser services. General Resource Technology highly recommends that these services be utilized to ensure maximum performance and benefit while using **Polychem-R**.

## COMPATIBLTY

**Polychem-R** is compatible with all types of Portland Cement, calcium chloride and air-entraining agents.

This product does not contain calcium chloride as a component.

# Polychem-R

## Retarder

### AVAILABILITY

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**Polychem-R** is available in bulk or 55 gallon drums.

General Resource Technology will install, service and maintain dispenser systems for bulk admixture purchasers.

### HANDLING

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**Polychem-R** is formulated from environmentally friendly material, however, care should be exercised in the handling of all chemical products. Goggles or protective glasses are recommended. MSDS available.

**Polychem-R** should be protected at temperatures below 32°F.

### WARRANTY

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General Resource Technology warrants **Polychem-R** to be free from defects in materials and manufacture. General Resource Technology is not responsible for conditions outside it's control, including other materials, workmanship, design, inspection, supervision, labor, ambient temperature and field conditions, which are the proper responsibility of others.