

# Polychem Paver Plus

## Water Reducing Admixture

**Polychem Paver Plus** is a normal setting, multi-component, highly concentrated water reducing admixture.

**Polychem Paver Plus** will reduce the quantity of water required to produce concrete of a desired consistency while providing greater economy for a given strength. It will increase strengths and improve workability and finishing characteristics.

**Polychem Paver Plus** does not contain calcium chloride, and is compatible with air-entrained or non air-entrained mixes.

**Polychem Paver Plus** was specifically designed for concrete slip-form paving operations to extend time of haul and maintain workability.

## APPLICABLE STANDARDS

General Resource Technology's **Polychem Paver Plus** meets and will exceed the requirements of ASTM C-494, Type A CRD C-87, AASHTO M-194.

Independent laboratory tests are available upon request.

## ADVANTAGES

### Plastic Concrete

- Reduced mix water requirement needed to produce a given slump or consistency (reduced water/cementitious ratio)
- Reduced cracking and shrinkage
- Will extend workability time
- Will retard the rate of set when used at recommended dosage rates

### Hardened Concrete

- Increased compressive and flexural strengths
- Reduced cracking and shrinkage
- Reduced permeability and increased water-tightness
- Increased freeze-thaw resistance
- Superior surface appearance

## DOSAGE RATES

2 to 8 oz. per 100 lbs. cementitious material.

## 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 are utilized to ensure maximum performance and benefit while using **Polychem Paver Plus**.

## COMPATIBILITY

**Polychem Paver Plus** is compatible with approved air entraining admixtures, calcium chloride, stearates and similar chemical derivatives. **Polychem Paver Plus** does not itself entrain air significantly.

## AVAILABILITY

**Polychem Paver Plus** is available in 55 gallon drums and in bulk shipments.

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

# Polychem Paver Plus

## Water Reducing Admixture

### **SPECIFICATION SUGGESTIONS**

---

All concrete shall contain **Polychem Paver Plus**, ASTM C494, Type A normal setting water reducer, produced by General Resource Technology, Eagan, MN. Suggested dosage rate shall be 2-8 oz. per 100 wt. of cementitious material unless recommended otherwise by General Resource Technology Technical Services.

Higher dosages are possible providing a GRT Representative has been consulted.

### **WARRANTY**

---

General Resource Technology warrants **Polychem Paver Plus** 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.

### **HANDLING**

---

**Polychem Paver Plus** is a polymeric blend of raw materials which have been found to be environmentally safe. **Polychem Paver Plus** can be used at temperatures as low as 23°F. Care should be exercised to prevent freezing below this temperature; freezing will not damage **Polychem Paver Plus** if thawed and agitated. MSDS available.