



**ASCENT CHEMICALS**  
Exceeding Our Customer Expectation

*Construction Chemicals*

## **DR. PLAST** **High-Range Water Reducing Admixture**

*Technical Data Sheet*

### **General Description**

Ascent DR. PLAST is an economical high-range water-reducing (HRWR) admixture based on polycarboxylate technology. Ascent DR. PLAST is ready-to-use and provides excellent early compressive strength, faster setting strengths and fluidity in plastic and hardened concrete.

### **Where to use:**

**Ascent DR. PLAST is especially suitable for paver block, pre-cast, SCC and mix designs containing fly ash , pozzolanic materials, ready mix, interlock, Bricks and all type of concrete mixes material. It's the best super plasticizer to increased workability and strength of old and new construction like repair to cracking and curing.**

### **Features/Advantages**

- Significant water reduction
- Increased workability
- Reduced labor required for placement
- Increased long term strength and reduced permeability
- Excellent early strength development
- Excellent surface finish
- High Efficiency even at low dosage rates and economical

### **How to Use / Dosage**

Mixing: Ascent DR. PLAST can be added with the initial batch water but delayed addition will generally result in optimum water reduction. Dosage: Rates will vary depending on the materials used, ambient conditions and the requirements of a specific project.

Dosage Rate: This dosage may range from 0.5% to 1% by weight of cement used .s.p.c150 grams to 200 grams per 50 Kg of cement material. Due to variations in concrete materials, job site conditions and applications, dosages outside of the recommended range may be required. In such cases, contact your local ASCENT CHEMICALS Representative.

Note: Ascent DR. PLAST does not contain calcium chloride or any chloride-based components and is non-corrosive to reinforced, galvanized floor/roof systems or prestressing steel.

### **Approvals/Standards**

- Complies with IS 9103 ,ASTM C 494

### **Packaging/Storage**

50 Kg / 200 Kg drum/ Totes • 1000 Kg for Bulk deliveries  
Store between 32° F & 100° F. Product should be used within 12 months of delivery.

### **Health and Environmental Data**

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.