

# Talrakplast® PB 250

Superplasticizer for high early and ultimate compressive strength



The Construction Alchemists

## Description

A powerful superplasticizer which improves high early and ultimate compressive strength. It essentially reduces production cost by reducing breakages and curing time. A highly effective dual action liquid superplasticizer for the production of free flowing concrete in hot weather or as a substantial water reducing agent for promoting high ultimate strengths.

## Features & Benefits

- Substantial improvement in workability without increased water or risk of segregation
- Long lasting control of slump loss
- No adverse effect on ultimate strength.
- Significant increase in ultimate strength
- Improved surface finish
- Improved water tightness
- No excessive air entrainment
- No adverse shrinkage effect
- Especially suitable for hot climates

## Primary Application

Essentially used in precast industry for manufacturing of solid concrete blocks, hallow blocks, interlocking blocks etc where attaining early strength and early setting time is utmost important. It is also used in the production of concrete designer tiles, floor slabs, beams and sealing.

## Technical Properties

**Colour :** Clear and transparent (Pale Yellow)

**Specific Gravity :**  $\approx 1.05$

## Estimating

### Packaging

Talrakplast® PB 250 is supplied in 20kg and 235kg HDPE drum.

### Dosage

0.5 - 3.0% by weight of cement. This rate is dependant on the type of effect and retardation sought, quality of cement and aggregates, W/C ratio and ambient temperature. Trial mixes are recommended before commercial application.

### Storage

Talrakplast® PB 250 has a shelf life of 12 months if kept in dry store in original, unopened containers. If stored at high temperature and/or high humidity conditions the shelf life may be reduced.

### Precautions

#### Health & Safety Instructions

Confined areas must be well ventilated and no naked flames allowed. Contact with the skin should be avoided as certain sensitive skins may be affected by contact with the polyester resin. In such cases if contact with the resin occurs, the skin should be washed immediately with soap and water-not solvent. Gloves and barrier creams should be used when handling these products. Eye contamination must be immediately washed with plenty of water and medical treatment sought.



**Talrak Construction Chemicals Pvt. Ltd.**

An ISO 9001:2015 Certified Company

#### Works:

Plot No. 115-A, 1st Phase. Harohalli Industrial Area,  
Kanakapura Taluka - 562 112. Ramanagar Dist.

[www.talrak.in](http://www.talrak.in)

#### Important note :

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Ref : TCC/TDS/CA01 - R2