

High Performance Cement Admixture

Zydex[®]
Innovating for Sustainability



DensiFLEX-P

PLASTER/MORTAR ADDITIVE

Densiflex-P is next generation liquid cement admixture for plaster and mortar applications that provides higher bond strength and flexibility with less water.

FEATURES

- ✓ Higher bond strength
- ✓ Improved workability
- ✓ Enhances flexibility
- ✓ Minimizes cracking
- ✓ Enhances overall concrete quality
- ✓ Compliant to IS: 2645-2003

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PRODUCT BENEFITS /ATTRIBUTES

- **Higher bond strength:** Improved adherence of plaster/mortar to surface due to higher bond strength
- **Improved workability:** The mixture is workable for longer enabling max plasticity to be achieved
- **Enhances flexibility:** Leads to significantly improved crack resistance in the plaster/mortar mix
- **Minimizes cracking and blistering:** Facilitates homogenous mixing and reduces cracking due to retarding effect leading to a denser mix
- **Develops faster and higher strength in all cemented applications**
- **Standards Compliance:** DensiFlex-P conforms to IS:2645-2003

PROPERTIES

- **Permeability:** Reduces the permeability of plaster/mortar and increases the durability
- **Compatibility:** Can be used with all types of portland cement including pozzolanic but not with high alumina cement.
- **Setting Time:** Can maximize initial setting time
- **Comprehensive Strength:** Comprehensive Strength of the plaster/mortar is improved significantly.
- **Shrinkage:** Reduces shrinkage / crack development in cementitious plaster and mortar

TECHNICAL DATA

PROPERTY	SPECIFICATION
Appearance	Creamish to Light brown light
pH	6.0 - 8.0
Solid content	33 - 35%
Water solubilty	Easily dispersible

DOSAGE & APPLICATION

- **Recommended Dosage:** 350 ml per 50 kg bag of cement is the recommended dose.
Addition: To be added in the recipe water and then added to mortar/plaster and mixed thoroughly. Water shall be added until the required workability is obtained
- **Mortar:** Densiflex-P is ideally suitable for use with all sand/cement mortars where it is required to reduce permeability. Its High efficiency causes a reduction in permeability of plaster/mortar which requires 20 - 30% less water.
- Densiflex-P chemistry positively impacts the finish of plastered surface by providing a more homogenous texture. Floating and troweling, by machine or hand, imparts a smooth, close tolerance surface
- Densiflex-P is manufactured under rigid controls to provide uniform & predictable performance.

STORAGE & SHELF LIFE

- Keep Densiflex-P in a dry and cool shade. Do not store in direct sun or at a temperature higher than 40°C.
- Minimum shelf life is 24 months.

DISCLAIMER

The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored, handled and used are beyond our control, we cannot assume any responsibility for their use by the customers

ABOUT ZYDEX

Established in 1997, Zydex is a specialty chemicals company with the purpose of innovating for sustainability.

Beyond construction products, Zydex offers a diverse set of chemical technologies for the textile, agriculture and pavement industries. We were recently recognised as one of the 25 Most Innovative Companies in India by the Confederation of Indian Industry (CII).

Sustainable Green Chemistry

Zydex is deeply committed to sustainable chemistries that ensure a greener future for everyone. Our commitment has made us a pioneer in introducing non-polluting and non-hazardous technologies that conserve, protect and enhance the environment. Pursuing chemical innovations that would mean a greener, purer and more resource renewable world is our passion. Our technologies have been recognized for their contribution to sustainability and globally accepted.



25 Most Innovative Companies of India

GLOBAL PRESENCE

