

High Performance Cement Admixture

Zydex[®]
Innovating for Sustainability



DensiFLEX-1
CRACK RESISTANCE

FEATURES

- ✓ Higher strength
- ✓ Improved densification
- ✓ Enhances flexibility
- ✓ Minimizes cracking
- ✓ Enhances overall mix design quality
- ✓ Compliant to IS: 2645-2003

Toll Free:
1800-12300-7666

www.zydexpaints.com

DESCRIPTION

DensiFlex-P is next generation liquid cement admixture that provides higher bond strength and flexibility with less water. It is useful in plaster, screed & mortar for joining cement blocks etc. and reduce crack formation post curing.

PRODUCT BENEFITS/ATTRIBUTES

- **Higher strength:** Improves adhesion of plaster/mortar/screed to surface due to higher bond strength
- **Improved densification:** The mixture is workable for longer time and using less water
- **Enhances flexibility:** Leads to significantly improved crack resistance in the plaster/mortar, screed mix and precast cement particles with higher fly ash content
- **Minimizes cracking:** Due to better density & flexibility
- **Develops faster and higher strength in all cement based applications**
- **Standards Compliance:** DensiFlex-P conforms to IS: 2645-2003

TECHNICAL DATA

PROPERTY	SPECIFICATION
Appearance	Creamish to Light brown
pH	6.0 - 7.0
Solid content	34 - 36%
Water solubility	Easily dispersible

DOSAGE & APPLICATION

- **Recommended Dosage:**
(A) Plaster: 250 ml/50 kg cement **(B) Screed:** 350 ml/50 kg Cement **(C) Non Reinforced Concrete (Road):** 350 ml/50 kg Cement
- Densiflex-P can be added at 350 ml / 50 kg bag of cement in precast formulation with high fly ash content including Cement block, Paver block, Cement pipes, Beams, Slabs etc.
- **Addition:** To be added in the recipe water and then added to mortar/plaster and mixed thoroughly. Water shall be reduced until the required workability & consistency 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 15 - 25% 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

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).

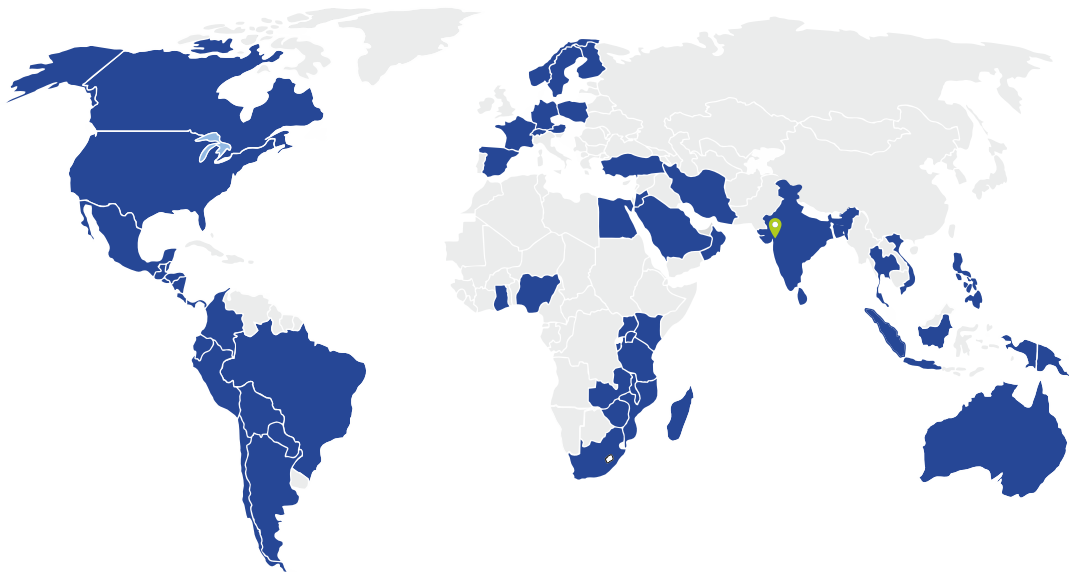
Sustainable Green Chemistry

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



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