

Dispex[®] CX 4910

General

Dispersing agent

Dispex[®] CX 4910 is a highly effective, low - viscosity dispersing agent for systems supplied as “dry systems” which require the addition of water for activation prior to use. Typical applications are plasters, wall finishes, cement and tile adhesives.

Chemical nature

Sodium salt of an acrylic polymer

Properties

Physical form

White beads

Technical data

(not supply specification)

Solid content	BASF method	90.0 – 100.0 %
Solubility (lumps/g)	BASF method	0 – 10.0
Viscosity, kinematic	(25 °C)	10 - 30 mm ² /s

Application

Main benefits are

- Retardation of settlement of the pigments, i.e., no phase separation into an aqueous top layer and a semi-solid bottom layer, thus leading to plasters/wall finishes/cements which are form-stable during application and easy to work with
- Allowing the formulation of systems with a very high solids content and consequently low shrinkage upon curing, properties which are especially required for tile adhesives and cementitious systems

Incorporation

Dispex® CX 4910 is typically incorporated into the dry-powder blend by a standard dry-blend operation. Wetting such a "dry system" leads to a water-based paste/slurry.

Dispex® CX 4910 is effective over a pH range of 5 – 12 and up to temperatures in excess of 100 °C .

Recommended concentrations

The amount of Dispex® CX 4910 required for optimum performance should be determined in trials covering a concentration range. A typical dosage rate is 0.5 – 2.0 % on total pigment weight.

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Validity

This Technical Data Sheet is valid for all versions of the Dispex® CX 4910.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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