



Complete 8512

Technical Data Sheet

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Azelis Construction Solutions

Product Description

Complete 8512 is a co-polymer of vinyl acetate - vinyl versatate-acrylic ester. Complete 8512 is characterized by high flexibility even at a low temperature and by good alkali resistance. These properties are transferred to its formulated compounds. Complete 8512 should be mixed with dry products and stored in water resistance packaging. On contact with water and under the action of mechanical shear, Complete 8512 produces a stable dispersion with properties comparable to those of the original one.

Application

Complete 8512 is a very versatile polymer that provides high levels of performance in cement-based and gypsum-based applications, as well as in non-hydraulic products. It is an ideal redispersible powder in situations where a multipurpose product is required. Complete 8512 improves substrate adhesion flexural strength and freeze/thaw resistance and can be used in tile adhesive mortars, plasters and exterior insulation finishing systems (EIFS). When used in repair mortars Complete 8512 increases adhesive and cohesive strengths for greater durability and abrasion resistance. It is particularly recommended for the formulation of gypsum plasters because it improves water resistance, flexural strength and mechanical resistance of finished products. In joint compounds, it increases flexibility in order to tolerate greater substrate movement before cracking occurs. Complete 8512 allows increased water retention, an important aspect for thin-section mortar application on an absorbent substrate.

Typical Properties	Value
Humidity %	1 max
Density kg/l at 23 °C	0.4-0.5
Protective Colloid °C	15
Ash %	9.0-13.0
Glass Transition Temperature °C	15



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Packaging

Complete 8512 is available in 25 kg paper bags with polyethylene liners and Big Bags of 600 kg.

Handling and Storage

Complete 8512 should be stored in its original packaging in a cool, dry place at a temperature below 30. Excessive pressure can cause Complete 8512 to cake under prolonged storage. It is recommended to use Complete 8512 within six months of delivery.

The data presented in this Technical Data Sheet are in accordance with the present state of our knowledge.

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