



NEOLITH P 8800

NEOLITH P 8800 is a redispersible powder produced by drying an emulsion based on a modified vinyl acetate-Veova--acrylate terpolymer with polyvinyl alcohol as protector colloid. The particular composition of the polymer allows a film forming at low temperatures a good adhesion to cement substrates.

PROPERTIES

NEOLITH P 8800 is used to modify mixtures containing hydraulic binders, whenever it is required a very high water resistance to the end product.

Due to its particular chemical-physical constitution, **NEOLITH P 8800** improves the adhesion to substrates, makes longer the open time and lower the contents of water to the mixtures. The excellent water resistance is evidenced even with low quantity of **NEOLITH P 8800** to the end product.

NEOLITH P 8800 gives a good workability to the mixtures.

Sales specifications:

Quality system of F.A.R. is certified in accordance to the norms UNI EN ISO 9002 and our quality control laboratory determine the following values before any deliveries:

*Solid contents (FAR 007)	98% - 100%
*Ash contents (FAR 010)	10% - 14%
*Density (FAR 008)	450 - 600 gr/lit

Other chemical/physical properties:

-Belonging to the powder:

*Appearance White powder

*Stabilizing system Polyvinyl-alcohol

-Belonging to the redispersed product:

*Min.film forming temperature +0°C

FIELDS OF USES

Mortars for thermal insulation

The addition of **NEOLITH P 8800** to the mortar gives a good workability to the end product and improves the water resistance.

Due to its particular chemical properties, **NEOLITH P 8800** confers a good adhesion to the polystyrene and rockwool panels and also a good flexibility to the renders for finishing. In fact, the high quantity of polymer not hydrolyzed and hydrofobic improves the reduction of water absorption, reducing the degradation of mortars. Characteristics which can be achieved even at low dosages of **NEOLITH P 8800**.

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The glass transition temperature of **NEOLITH P 8800** is 0°C

To prepare adhesives for thermal insulation and mortars for finishing, we suggest to add 2% to 5% of **NEOLITH P 8800**.

Repairing mortars

Mortars containing **NEOLITH P 8800** have as main properties an excellent adhesion and workability as well; the main property of **NEOLITH P 8800** is the high reduction of water penetration due to the high hydrofobic effect of polymer.

Furthermore, due to its flexibility, **NEOLITH P 8800** confers to the end product a good resistance to the small cracks on the foundation.

Sealing and joints mortars

The flexibility and hydrofobicity makes **NEOLITH P 8800** particularly suitable for formulations of mortars for joints; furthermore, the hydrofobicity and the excellent adhesion to substrates are characteristics which makes **NEOLITH P 8800** particularly suitable to formulate mortars which must have a very low risk of cracking, water absorption and detachment of the substrates.

PACKING

NEOLITH P 8800 is delivered in paper bags of kgs. 25 and big bags of kgs. 500

STORAGE

NEOLITH P 8800 must be stored in a dry and cool warehouse. Pallets must not be overlaped due do the thermoplasticity of the polymer.

Packing must be well closed after uses, in order to avoid the atmospheric humidity which may cause cacking to the redispersible powder.