

VE3011

Re-dispersible Polymer Powder

Product Description

ADHES[®] VE3011 is a non-defoamable redispersible polymer powder based on vinyl acetate-ethylene copolymer, especially suitable for diatom mud decorative materials and self-leveling floor mortar. VE3011 is a formaldehyde-free, low-emission product. It can be used to formulate products that meet the requirements of the European standard EMICODE EC1^{PLUS}.

Product specification

Appearance	White, freely flowing powder
Protective colloid	Polyvinyl alcohol
Additives	Mineral anti-caking agent
Bulk density	450-650 (g/l)
Residual moisture	< 1 %
Ash(burning under 1000°C)	10±2%
Lowest film forming temperature(°C)	3°C
Film property	Harder
pH Value	6.5 – 8.0 (Aqueous solution containing 10% dispersion)
Security	Non-toxic
Package(Multi-layer of paper plastic composite bag)	25 kg/bag

Applications

Used in hydraulic and non-hydraulic systems. ADHES[®] VE3011 is specially used to develop some products, that must meet the European standard EMICODE EC1^{PLUS} and at the same time has very low formaldehyde emission.

- Especially suitable for diatom mud interior wall decoration materials
- Highly recommended for flowable tile adhesive
- Suitable for cement-based and gypsum base floor applications
- Self-leveling ground levelling mortar, especially for casein-free systems
- Ideal product for manual and pumping construction finishes

Main performance

During construction operation:

- Excellent rheology and workability
- Significantly improve flow and leveling
- Give fluid dynamic floor mortar excellent surface self-leveling and fusion effect during pumping construction

- Reduce water demand
- Smooth sticky state
- Ideal wettability
- Optimized leveling and excellent compatibility with synthetic leveling agents
- Fast redispersion
- Very low emissions

Hardening stage:

- Very good final appearance and flatness
- High final strength and high cohesion
- Improve bond strength
- Increase flexibility
- Improve freeze-thaw cycle stability
- Optimized wear resistance and impact resistance
- Reduce the possibility of shrinkage and cracking

Announcements

•Storage and delivery

Store in a dry and cool place in its original package. After the package is opened for production, tight re-sealing must be taken as soon as possible to avoid ingress of moisture;

Package: 25kg/bag, multi-layer paper plastic composite bag with square bottom valve opening, with inner layer polyethylene film bag.

Please use it within 6 months, use it as early as possible under high temperature and humidity, so as not to increase the probability of caking.

•Product safety

ADHES[®] Re-dispersible Polymer Powder belongs to non-toxic product.

We advise that all customers who use ADHES[®] Re-dispersible Polymer Powder and those who are in contact with us read Material Safety Data Sheet carefully. Our safety experts are happy to advise you on safety, health and environmental issues.

Statement:

All of data, suggestions, and proposals presented here are based on our current knowledge and experience in raw materials and application technologies, which do not exclude the responsibility of users to scrutinize the quality of all received products.

Because we are out of control of quality in users' raw materials, production and application methods, service conditions as well as local standards, our suggestions and proposals do not imply any guarantee and promise for end product's quality. The users should be responsible for formulation adjustment according to real conditions to meet project quality requirements.

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