

# AX1700

## Re-dispersible Polymer Powder

### Product Description

ADHES<sup>®</sup> AX1700 is a redispersible polymer powder based on styrene-acrylate copolymer. Due to the particularity of its raw materials, the anti-saponification ability of AX1700 is extremely strong. It can be widely used in the modification of dry-mixed mortar of mineral cementitious materials such as cement, slaked lime, and gypsum.

### Product specification

Appearance	White, freely flowing powder
Protective colloid	Polyvinyl alcohol
Residual moisture	≤ 2.0%
Bulk density	400-600(g/l)
Ash (DIN EN 1246/950 ° C,30 min)	9.5% +/- 1.25 %
Lowest film forming temperature(°C)	0°C
Film property	Neutral
pH value	5.0-9.0(Aqueous solution containing 10% dispersion)
Security	Non-toxic
Package(Multi-layer of paper plastic composite bag)	25 kg/bag

### Applications

- Concrete repair mortar
- Tile adhesive
- Highly flexible tile adhesive
- Surface mortar based on mineral cement
- Joint mixture
- Trowel mortar
- External thermal insulation bonding mortar and plastering mortar

### Main performance

- Good work performance, easy trowel application and good bonding performance
- Reduce water absorption
- Increased flexibility
- Good adhesion to various substrates such as polystyrene foam board, mineral wool board, etc.
- High bond strength and good wear resistance
- Low gas content in mortar

## Announcements

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### •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<sup>®</sup> Re-dispersible Polymer Powder belongs to non-toxic product.

We advise that all customers who use ADHES<sup>®</sup> 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.

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#### **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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