



DA-6200

Dairen Chemical Corporation

VAE Redispersible Powder

PRODUCT SPECIFICATIONS

	Inspection Method	Value
Solids Content	DCC method	98% min.
Ash Content	DCC method	30 ± 5%
Appearance	Visual	White Powder

TYPICAL PROPERTY

	Inspection Method	Value
Polymer Type		VinylAcetate-Ethylene copolymer
Protective Colloid		Polyvinyl Alcohol

Introduction

DA-6200 is a water redispersible powder based on vinyl acetate/ ethylene copolymer based containing polyvinyl alcohol as protective colloid. DA-6200 contains a fine mineral filler as an anti-blocking agent. It is free of solvents, plasticizers and film-forming agents.

DA-6200 is recommended for blending with inorganic binders such as cement, hydrated lime to modify mortar hydration system.

Applications

DA-6200 improves adhesion, flexibility, plasticity, abrasion resistance and workability of modified compounds such as ceramic tile adhesives, EIFS and finishing plasters.

Recommended Uses

Tile adhesives

For thin-bed tile adhesives, we recommend using 3% min. DA-6200 and about 0.2 - 0.6 % of cellulose ether or other appropriate cellulose derivatives as water retention agent.

Exterior insulation and finish systems

To obtain adhesives with greater plasticity, we recommend to use 2.5% min. DA-6200 and 0.3 % of a suitable water retention agent such as cellulose ether. It can provide good adhesion to EPS/XPS board. For XPS board, primer should be spread on XPS board first.

Plasters

DA-6200 added to cement and cement finishing plasters improves their adhesion and flexibility. We recommend to use 3% min. DA-6200 based on the total weight should be added. In addition, 0.1 – 0.5 % cellulose ether or starch ether or a combination of the two should be incorporated.

Processing

For the production of powder such as dry mortars, tile adhesives, troweling compound . DA-6200 redispersible powder is mixed with dry, finely divided additives in suitable mixers. Pressure or excessive shear in the mixer should be avoided, since this will raise the temperature, leading to agglomeration of the thermoplastic resin particles.

After sufficient water has been added, mortars or trowelling compounds can be mixed by hand or machine.

Since mixing by hand only generates low shear forces, it is best to allow the mixture to mature by leaving it to stand for 5 minutes, and then to stir it again.

Storage

DA-6200 redispersible powder should be stored in cool and dry environment. It is recommended to use within 6 months, preferably be used as soon as possible in summer. Storage in high temperature and humidity conditions will increase the risk of caking. Opened containers should be used as soon as possible , if not, should be resealed to prevent ingress of moisture from the air.

DA-6200 redispersible powder supplied in paper bags should not be stacked. Prolonged heavy pressure may cause caking. Storage under pressure should also be avoided.

Packaging

25 kg paper bags

Big Bags (450/550/600 kg)

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