



# DA-1126

## Dairen Chemical Corporation

## VAE Redispersible Powder

### PRODUCT SPECIFICATIONS

	Inspection Method	Value
Solids Content	DCC method	98% min
Ash Content	DCC method	10 ± 2%
Appearance	Visual	White Powder
Tg	DCC method	15±3 °C

### TYPICAL PROPERTY

	Inspection Method	Value
Polymer Type		VinylAcetate-Ethylene copolymer
Protective Colloid		Polyvinyl Alcohol
Bulk Density	DCC method	0.4 - 0.55 g/ml
Average Particle Size	DCC method	50 - 130 μ m

### Introduction

DA-1126 is a water redispersible powder based on vinyl acetate/ ethylene copolymer based containing polyvinyl alcohol as protective colloid. DA-1126 contains a fine mineral filler as an anti-blocking agent. It is free of solvents, plasticizers and film-forming agents.

DA-1126 is recommended for blending with inorganic binders such as cement, hydrated lime to modify mortar hydration system.

### Applications

DA-1126 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 with good frost resistance, we recommend using 1~5% DA-1126 and about 0.2 - 0.6 % of cellulose ether or other appropriate cellulose derivatives as water retention agent. DA-1126 have good non-slump and non-slip properties to these adhesives.

#### Plasters

DA-1126 added to cement and lime-cement finishing plasters improves their adhesion and flexibility. Fresh mortar modified with DA-1126 exhibit excellent non-slump behavior. To achieve optimum results, 1.0~6.0% DA-1126 based on the total weight should be added.



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### **Processing**

For the production of powder such as dry mortars, tile adhesives, plasters, DA-1126 redispersible powder is mixed with dry, finely divided additives in suitable mixers. Pressure or excessive shear in the mixer should be avoided, since it will raise the temperature, leading to agglomeration of the thermoplastic resin particles.

### **Storage**

DA-1126 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.

### **Packaging**

25 kg paper bags  
Big Bags (450/550/600 kg)

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