

DA-183 / EVA Emulsion

TYPICAL PROPERTIES

Main Ingredient	Vinyl Acetate-Ethylene Copolymer
Appearance	Milky White
Protective Colloid	Polyvinyl Alcohol
Solids Content *(%)	55 min.
Viscosity*(cP,25 °C,60rpm).	1500 ~ 2500
pH*	5.5±1.0
Free Monomer (%)	0.5 max.

*marked item, are the ex-works delivery specification.

All other figures are typical physical properties for reference only.

INTRODUCTION //

DA-183 is a white milky Ethylene-Vinyl Acetate copolymer emulsion, It combines the performance properties of emulsions with the convenience, reliability, and polymer properties that is designed for both as a coating of substrate and as an additive of mortar.

For a coating of substrate

- =>Decrease the water absorption of substrate.
- =>Increase the adhesive strength of new mortar to substrate.
- =>Decrease the surface bubbling of substrate.

For an additive of mortar.

- =>Increase the adhesive strength of mortar
- =>Increase the workability of mortar.
- =>Improves water-resistance, shocks and abrasion resistance of mortar.
- =>Feature high adhesive strength with various beds, e.g. wall, concrete floor, A.L.C. etc.

Starting Formulation //

(A) Coating

DA-183 100 g
Water 300 g

*For more porous substrate, you can dilute with more water, usually usage amount 40 g/m² based on DA-183.

(B) Polymer modified paste

Cement 100 g
DA-183 10~20 g
Water adequate

(C) Polymer modified mortar

Cement 100 g
Sand 100~300 g
DA-183 5~20 g
Water adequate

SAFETY & STORAGE //

In general, DA-183 are considered safe for their intended use. However, since these products contain minor amounts of residual vinyl acetate monomer (less than 0.5%), It is recommended that adequate ventilation be provided in room where DA-183 is handled. And usual protective measures when handling polymer emulsion such as wearing gloves and goggles should be observed. Splashed on the skin or in the eyes should be removed by irrigation with clean water.

DA-183 should be stored between 5 and 40 °C. Drum of DA-183 should be stored in dry, sheltered area, usage within 6 months is suggested. Do not store under freezing condition. Opened containers should be used as soon as possible, if not, should be resealed to prevent dried up.

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