

Product Model: INNOFLEX F544

Redispersible [polymer powder](#) produced by spray-drying special water-based emulsion, mostly based on vinyl acetate and ethylene. It dissolves in water easily and quickly forms emulsion.

Application

- Waterproof mortar
- Tile Adhesive/Tile joint filler
- Flexible waterproof putty

Key properties

- Higher flexural strength
- Excellent waterproof
- Improved workability
- Increased impact and abrasion resistance
- Improve abrasion resistance, durability, wetherability

INNOFLEX F544 is high flexible redispersible polymer powder based on vinyl acetate and ethylene copolymer. It has excellent dispersibility in water and good compatibility to all kinds of inorganic binders. It can improve the workability and pot life in wet mortar. After mortar hardens, it can greatly improve the adhesion and cohesion strength, abrasion resistance, increase flexibility and reduce the crack tendency of mortar.

INNOFLEX F544 has relatively low glass transition temperature, and is specially recommended in the adhesive and base coat for exterior thermal insulation system (ETICS or EIFS), and shows excellent adhesion strength on organic substrate like expanded polystyrene panel. It can also be used in some other applications like flexible skim coat, flexible tile adhesive, jointing compound, repair mortar, gypsum based compound etc. Recommended dosage is 0.5~5% by total dry mortar weight.

Product properties

Appearance	Free-flow white powder
Bulk density	450 - 650 kg/m ³
PH value of 20% solution	6 - 9
Moisture content	≤ 2.0%
Ash content (calcined at 950°C)	10±2%