

Axilat UP 620 E is a vinyl acetate, vinyl versatate and maleic ester copolymer resin in redispersible powder form. It is redispersible in water and used in dry mortars to improve workability of fresh mortar; hydrophobic properties; adhesion to conventional substrates, especially after severe ageing conditions; and mechanical properties (flexibility, abrasion resistance and cohesive strength). It is a plasticiser-free powder, particularly suitable for ecologically demanding systems.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Total Solids	99	%	ISO 1625
Ash Content at 600°C	12	%	Internal Method
Particle Size	80	µm	Internal Method
MFFT (re-dispersed in water 50 % s.c.)	6	°C	ISO 2115
Specific Gravity	0.5	g/cm ³	ISO 8962

¹ internal method based upon the specified norm

Application Advice

Axilat UP 620 E is highly recommended for applications that require good water resistance, especially high performance tile adhesive mortars (e.g., C2 type according to EN 12004) and applications that require extended open-time.

- High performance tile adhesive mortars (including tile adhesives with extended open-time and flexible tile adhesives)
- Joint mortars
- Repair mortars
- Gypsum-based compounds
- Facade renders

Shipping and Storage

This product is thermoplastic in nature, therefore excessive temperature and pressure generated by over-stacking of pallets will tend to cause agglomeration of the powder with consequent difficulties in re-dispersion. To ensure that it remains in good condition, it is necessary to keep the unopened bags in an area protected from humidity and dampness and where the temperature will not exceed 25°C, and to not over-stack the pallets. We recommend that the storage time should not exceed 6 months from receipt of delivery. Storage beyond the date specified does not necessarily mean that the material is unusable, but the user should perform a quality check on the properties necessary for the intended application.

- Blends with, for example, hydraulic binders, fillers and pigments show better storage stability. However, blends of this type still have to be protected against moisture.
- Slight color variations of the dispersible polymer powder may occur without impairing the product's functionality.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.