

AXILAT™ TP 176 is a vinyl acetate, ethylene copolymer resin in redispersible powder form. It is a highly versatile resin with high redispersibility in water and used in dry mortars.

AXILAT™ TP 176 is free from plasticizers, film forming agents or solvents.

For further information regarding this product please refer to:

Construction Synthomer

eMail: Construction@synthomer.com

Property	Typical Value	Unit	Method ¹
Total Solids Content	>99	%	ISO 1625
Ash Content at 600°C	13	%	Internal Method
Glass Transition Temperature (T _g)	-8	°C	ISO 11357
MFFT (re-dispersed in water 50 % s.c.)	0	°C	ISO 2115
Particle Size	120	µm	Internal Method
Specific Gravity	0.5	g/cm ³	ISO 8962

¹ internal method based upon the specified norm

Application Advice

AXILAT™ TP 176 is a highly versatile resin with high redispersibility in water. It is used in dry mortars to improve workability of fresh mortar, adhesion to conventional substrates, and mechanical properties (flexibility, water resistance, impact resistance and cohesive strength). Suitable for the following applications:

- Flexible tile adhesive (CTA)
- External thermal insulation composite system (ETICS)
- Self-levelling underlayment (SLU)
- Gypsum joint compounds and renders / skim coats
- Façade renders

For additional information, please contact our Technical Service team.

Shipping and Storage

To ensure the product remains in good condition, please observe the following precautions:

- Avoid stacking or storing any material on top of pallets or bags of AXILAT™ TP 176. Pallets of AXILAT™ TP 176 should not be double stacked during storage or transport.
- Store unopened bags of AXILAT™ TP 176 in an area protected from all forms of moisture and below a temperature of 25°C.
- For Europe, we recommend that the storage time of AXILAT™ TP 176 should not exceed 6 months from receipt of delivery. For export, we recommend that the storage time should not exceed 6 months from date of loading on the vessel at the European port. 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.
- Slight colour variations of the AXILAT™ TP 176 powder may occur without impairing the product's functionality.
- Blends of AXILAT™ TP 176 with, for example, hydraulic binders, fillers and pigments show better storage stability. However, blends of this type still have to be protected against moisture.

Product Safety

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