

AXILAT™ PSB 155 (AXILAT™ XA 3080) is a styrene butadiene copolymer powder resin that is redispersible in water. AXILAT™ PSB 155 (AXILAT™ XA 3080) redisperses to a particle size that is one-tenth of conventional latex powders, resulting in a very high binding power and enhanced adhesion for end use formulations. It is highly recommended for cement- and gypsum-based applications.

For further information regarding this product please refer to:

Construction Synthomer

eMail: Construction@synthomer.com

Property	Typical Value	Unit	Method ¹
Total Solids Content	99.0	%	ISO 1625
Ash Content at 600°C	12	%	
Minimum Film Formation Temperature (MFFT; redispersed in water 50% TSC)	8	°C	ISO 2115
Bulk Density	0.5	g/cm ³	ISO 8962
Mean Particle Size	85	µm	

¹ internal method based upon the specified norm

Application Advice

AXILAT™ PSB 155 (AXILAT™ XA 3080) has fine particle size and high binding power, which gives enhanced adhesion properties. Furthermore, it has very good alkali resistance and an ecologically friendly profile (no plasticisers, no solvents and no alkylphenol ethoxylated components).

AXILAT™ PSB 155 (AXILAT™ XA 3080) demonstrates excellent saponification resistance and very low VOC emissions, achieving the best Eimcode classification. The redispersible powder is recommended for these applications:

- Gypsum-based compounds (adhesives, skim coatings, screeds, joints)
- Cement-based systems (Tile Adhesives (CTA), Self-Leveling Underlayment (SLU))
- Ecologically demanding systems
- Facade renders
- Repair mortars
- Wallpaper glues

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™ PSB 155 (AXILAT™ XA 3080). Pallets of AXILAT™ PSB 155 (AXILAT™ XA 3080) should not be double stacked during storage or transport.

Store unopened bags of AXILAT™ PSB 155 (AXILAT™ XA 3080) 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™ PSB 155 (AXILAT™ XA 3080) 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 color variations of the dispersible polymer powder may occur without impairing the product's functionality

Blends of AXILAT™ PSB 155 (AXILAT™ XA 3080) 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.