

Synthebond AC 295 is a self cross linking acrylic based dispersion, designed for use as a firm hand finish on a variety of substrates

For further information regarding this product please refer to:

SBU Functional Solutions Synthomer

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Property	Typical Value	Unit	Method ¹
Solids	45.0	%	internal method
pH	7.0		ISO 976
Viscosity	< 200	cPs	
Tg	+95	°C	internal method
Particle size	175	nm	internal method

¹ internal method based upon the specified norm

Application Advice

Typical Curing Conditions

- Self cross linking emulsion as supplied
- Cross linking reaction will take place at substrate temperatures of 300 degrees F or higher
- Lower substrate temperatures may require addition of an acid catalyst, such as ammonium sulfate at a level of 0.25-0.5% SOS

Product may be used as a opacifier and tack modifier for softer polymer emulsions

- May be applied via pad mangle, foam coater or by spray application
- May be compounded with nonionic/anionic pigments, melamine resins if pH is raised to alkaline side with aqueous ammonia, and various nonionic/anionic softeners as desired
- Silicone emulsion defoamers may be added if foaming adversely affects application
- Compounding of this product may affect non-yellowing properties

Shipping and Storage

Store at an even temperature of between +5°C and +35°C avoiding frost and direct sunlight. Stir product before use. If stored according to these conditions and in the original unopened containers, the dispersion will be stable for 6 months following delivery. Product should be used as soon as possible after opening. During processing, storage and transport, avoid any contact with metals (including non-ferrous metals) which are not protected against corrosion. – Agitate well before use. - Detailed information is available on request.

Product Safety

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