SYNTHEBOND™ C 6090

SYNTHEBOND™ C 6090 is a high-performance acrylic copolymer binder with high solids content, designed for flooring adhesive applications. It provides excellent adhesion, outstanding water resistance, and high filler binding capacity.

For further information regarding this product please refer to:

Construction Synthomer

eMail: Construction@synthomer.com

Property	Typical Value	Unit	Method[1]
Total Solids Content	65.0	%	
pH value	5.0		
Viscosity	< 600	mPa·s	Brookfield LVDV 60rpm
Glass Transition Temperature (Tg)	0	°C	

[1] internal method based upon the specified norm

Application Advice

Due to its high glass transition temperature (Tg), SYNTHEBOND™ C 6090 enhances the cohesive strength of adhesive formulations, contributing to improved dimensional stability and reduced creep under load. The polymer delivers a good balance of mechanical strength and flexibility, ensuring durable adhesive performance over time. Its excellent water resistance and resistance to common cleaning agents support long-term bond integrity, while its thermal stability helps maintain performance across typical service temperatures. Furthermore, SYNTHEBOND™ C 6090 is compatible with a wide range of formulation ingredients, enabling flexible adhesive design and highly filled formulations without compromising application or performance characteristics.

Key characteristics:

- Excellent adhesion to a variety of substrates
- Good balance of adhesive and cohesive strength
- Excellent water resistance
- High filler binding capacity
- Compatible with a wide range of formulation ingredients
- Film-forming without the need for a coalescing agent
- Excellent durability and long-term performance

Suitable applications: vinyl flooring adhesives and primers for mortars.

For additional information, please contact our Technical Service team.

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.

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