

LIPATON™ GF 3150 is a carboxylated styrene-butadiene copolymer with excellent film-forming properties, high mechanical strength, and strong adhesion to inorganic particles. This latex is suitable for the modifying cementitious artificial stone and other cement-based materials.

For further information regarding this product please refer to:

Construction Synthomer

eMail: Construction@synthomer.com

Property	Typical Value	Unit	Method ¹
Total Solids Content	47.5	%	ISO 3251
pH Value	6.5		ISO 976
Viscosity (Brookfield LVT, #2@ 60 rpm, 25°C)	85	mPa·s	ISO 1652
Minimum Film Forming Temperature (MFFT)	0	°C	

¹ internal method based upon the specified norm

Application Advice

LIPATON™ GF 3150 is an aqueous polymer dispersion that provides excellent film-forming properties and strong internal cohesion. It exhibits outstanding adhesion to a wide range of inorganic substrates and offers excellent compatibility with cement and other cement-based systems.

The polymer delivers high mechanical strength and is well-suited for modifying cementitious materials. It can be formulated with various crosslinkers, additives, and fillers for enhanced performance in different applications.

In artificial marble/stone production, LIPATON™ GF 3150 is particularly recommended due to its long open time and very low required dosage (approximately 2–3%). At this low level, it does not compromise the UV resistance of artificial stones exposed to outdoor environments. The binder ensures a uniform mixture before curing, resulting in surfaces that polish easily. It also imparts flexibility to help prevent edge cracking during grinding and cutting operations.

For additional information, please contact our Technical Service team.

Shipping and Storage

LIPATON™ GF 3150 can be transported and supplied via tankers or bulk tonnage drums. LIPATON™ GF 3150 should be stored away from freezing and direct sunlight. Stir thoroughly before use or sampling, if the storage temperature rises, the viscosity of the product may increase, and high-temperature storage should be avoided. The recommended storage temperature range is between +5°C and +30°C. Ensure that the storage items are sealed in their original form. LIPATON™ GF 3150 has a shelf life of 12 months after the delivery date, subject to recommended storage conditions.

Product Safety

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