

Litex® T 71S21 is an aqueous dispersion of a carboxylated styrene-butadiene copolymer. The dispersion was developed for compounds designed for the production of drainage points and also for rubber crumb backings. It can also be used for precoats. When Litex® T 71S21 is used for precoats, the dispersion gives the carpets a soft handle. Litex® T 71S21 contains an antioxidant.

For further information regarding this product please refer to:

Sven Reidel

Phone: +49 2365 8727 240
eMail: sven.reidel@synthomer.com

Property	Typical Value	Unit	Method ¹
Solids Content	50,0	%	ISO 3251
pH Value	8,1		ISO 976
Viscosity (Brookfield LV 2/30)	< 500	mPas	ISO 1652

¹ internal method based upon the specified norm

Application Advice

Litex® T 71S21 is used with fillers such as calcium carbonate, or can be used as a filler-free system. The filler content of compound should be kept as low as economically possible, in order to ensure that the finished article is capable of being recycled after its useful life. For flame retarded carpets it is possible to use aluminium oxide as filler. Similarly it is possible to adjust the electrostatic properties of the backing by the addition of antistatic agents to Litex® T 71S21. The viscosity of compounds can be adjusted to the desired level using the normal acrylate thickeners which are well known in the industry (e.g. Plextol® CT 3103). The dispersion, or compounds based on it, can be frothed using a foaming machine and spread using a doctor roller or blade. For the production of drainage points, the dispersion or compounds based on it, can also be used for rotary screen application. If wished the application of dispersion or compound may be achieved with the use of a lick-roller, either in the foamed, or unfoamed state. The correct use of Litex® T 71S21 ensures excellent filament bonding, a high pile anchorage to the base fabric.

Litex® T 71S21 has good storage characteristics and also good mechanical and chemical stability.

Shipping and Storage

Litex® T 71S21 is normally delivered in road tankers. Shipment in drums and 1 ton containers is also possible for customers which are just taking small quantities. The storage temperature of the dispersion should not fall below + 5 °C and not exceed + 40 °C. In air-tight, unopened, original drums or containers, and provided the storage conditions are met, the dispersion is stable for 6 months after delivery. However a slight drying of the surface, or some cream formation cannot be ruled out. It is therefore advisable that the dispersion, or compounds made from it, should stirred, or mixed before use. The contents of drums, or containers, should be used up as soon as possible after opening.

Product Safety

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