

REVACRYL™ AE 4522 K is a specially modified, aqueous dispersion of a styrene-acrylic ester copolymer contains an anionic emulsifier system and is free from film forming aids, solvents and plasticisers.

The polymer is specially designed for waterproofing, primer and tile adhesive applications with excellent wet adhesion.

For further information regarding this product please refer to:

Wai Ming Lee

Phone: +6012 791 7155

eMail: waiming.lee@synthomer.com

Property	Typical Value	Unit	Method ¹
Total Solids Content	50	%	
pH Value	7.5		
Viscosity @ 25 °C - Brookfield #3/10	3500	cps	
Glass Transition Temperature	19	°C	
Density	1.04	g/cm ³	
Mean Particle Size	0.15	µm	
Minimum Film Forming Temperature	18	°C	

¹ internal method based upon the specified norm

Application Advice

REVACRYL AE 4522 K is ideal for use in waterproofing applications, water-resistant tile adhesives and primers. The polymer has been modified to chemically bond to mineral substrates, resulting in very good adhesion even under moist and wet conditions. Important applications are cement-free, ready-for-use dispersion adhesives for tiles. Above the minimum film forming temperature, REVACRYL AE 4522 K forms a clear, tack-free, and water-resistant film characterized by good light, ageing and alkali resistance.

REVACRYL AE 4522 K is preserved against bacterial and fungal attack. As usual, manufacturers of finished products made with REVACRYL AE 4522 K are advised to assess the microbial stability of their products and add appropriate preservatives if necessary.

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1000 L). The product must be protected from frost and exposure to direct sunlight. Stir product before use. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 6 months from the date of delivery.

Product Safety

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

Comments

Properties reported here are typical of average lots. Synthomer makes no representation that the material in any particular shipment will conform exactly to the values given.