

REVACRYL AE 4625 is a finely dispersed, aqueous dispersion of a styrene-acrylic ester copolymer. The dispersion contains an anionic emulsifier system and is free from film forming aids, solvents, plasticizers and ammonia.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Total Solids	50	%	ISO 3251
pH	7.5	-	ISO 976
Viscosity @23°C	500	mPa s	ISO 3219
Tg	22	°C	
Minimum Film Forming Temperature (MFFT)	18	°C	
Ionic Character	anionic		

¹ internal method based upon the specified norm

Shipping and Storage

Primary applications are pasty building and tile adhesives, high-grade plasters, and priming of mineral substrates. Above the minimum film forming temperature, REVACRYL AE 4625 forms a clear, tack-free, and water-resistant film. The film is characterized by good light, ageing and saponification stability. Owing to its low odour (ammonia-free) the dispersion is particularly suitable for internal applications and in industrial manufacturing processes.

Pigmentation / wetting agents: REVACRYL AE 4625 shows good compatibility with the generally used pigments and fillers. In the case of a very high PVC and the use of fillers with a large specific surface, the requirement for wetting agent should be determined. Dispersing agents such as SER-AD® FX 605, Pigmentverteiler N and DISPEX® N 40 in combination with polyphosphates are effective.

Thickening: For adjustment of end product viscosity and rheology addition of cellulose ethers, copolymers containing acid groups (ROHAGIT® SD 15), polyurethane thickening agents (BORCHIGEL® DP 40, SER-AD® FX 1010), COLLACRAL® VL and inorganic thickening agents (BENTONE® EW) is recommended.

Film formation: The film forming temperature can be lowered by the addition of effective solvents. High boiling solvents such as SER-AD® FX 511, LUSOLVAN® FBH or diverse DOWANOL® grades are highly active, white spirits containing aromatics (boiling point 180 - 220 °C) and butyl glycol have a lesser activity and must be used in higher dosage.

Defoaming: For the production of plasters defoaming agents like SERDAS® GBR, AGITAN® 218/281, BYK®-034, DEHYDRAN® 1620 are suitable.

REVACRYL AE 4625 is preserved against bacterial and fungal attack. In the manufacture of finished products, the material has to be retreated, as usual, with suitable biocides to give enhanced preservation.

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 1.000 L). The product must be protected from frost and exposure to direct sunlight. 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 12 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.