REVACRYL™ AE 3737

REVACRYL™ AE 3737 is a finely dispersed, aqueous dispersion of an acrylic ester-styrene copolymer designed for construction applications including waterproofing and ceramic tile adhesives.

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:

Construction Synthomer

eMail: Construction@synthomer.com

Property	Typical Value	Unit	Method[1]
Solids Content	50	%	ISO 3251
pH Value	7.5		ISO 976
Viscosity (23°C, 100 1/s)	80	mPas	ISO 3219
Glass Transition Temperature	12	°C	
Density	1.04	g/cm³	
Mean Particle Size	0.15	µm	
Minimum Film Forming Temperature	4	°C	
Surface Tension	43	mN/m	
Water Absorption (24h)	12	%	
Tensile Strength	6	N/mm²	
Elongation at Break	800	%	

[1] internal method based upon the specified norm

Application Advice

REVACRYL AE 3737 is ideal for use in liquid applied membrane waterproofing applications, water-resistant tile adhesives, bonding bridges and primers.

When applied neat to substrates above the minimum film forming temperature (MFFT) REVACRYL AE 3737 forms a clear, slightly tacky film. The low MFFT of the product has been achieved exclusively by optimising the styrene/acrylic ester ratio in the polymer (internal plastification). The enables formulation of end products that form films without additives or plasticizers.

REVACRYL AE 3737 is highly compatible with conventional fillers and pigments. When making formulations with very high pigment concentrations or fillers with a large specific surface, a wetting agent can be added to improve product stability if necessary. DEHYDRAN® 1620 is recommended as effective defoamer.

REVACRYL AE 3737 is preserved against bacterial and fungal attack. As usual, manufacturers of finished products made with REVACRYL AE 3737 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. 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.

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Product Safety

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

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