

REVACRYL™ AE 2091 is a high solids aqueous dispersion of a acrylic ester-styrene 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:

Construction Synthomer

eMail: [Construction@synthomer.com](mailto:Construction@synthomer.com)

Property	Typical Value	Unit	Method <sup>1</sup>
Solids Content	57	%	ISO 3251
pH Value	8.0		ISO 976
Viscosity (23°C, 100 1/s)	150	mPas	ISO 3219
Viscosity Brookfield	300	mPas	ISO 2555
Glass Transition Temperature	- 11	°C	
Density	1.04	g/cm <sup>3</sup>	
Mean Particle Size	0.4	µm	
Minimum Film-Forming Temperature	0	°C	
Surface Tension	40	mN/m	

<sup>1</sup> internal method based upon the specified norm

## Application Advice

REVACRYL™ AE 2091 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.

Above minimum film forming temperature REVACRYL™ AE 2091 forms a clear, tacky film. REVACRYL™ AE 2091 is a soft styrene acrylic dispersion exhibiting good compatibility with cement for use as elastifying component in cementitious mortars. REVACRYL™ AE 2091 is especially predestinated for use in cementitious flexible water-proofing membranes and one-component sealants.

For additional information, please contact our Technical Service team.

## 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 lt). 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.