

## Technical Information

# Acronal<sup>®</sup> PS 755 ap

## Polymer Dispersions for Construction

### Chemical Nature

Acronal<sup>®</sup> PS 755 ap is an anionic aqueous styrene-acrylate copolymer dispersion, free of APEO and formaldehyde.

### Application Areas

Acronal<sup>®</sup> PS 755 ap is designed for 1K mastic waterproofing membranes, specifically for the rain-intensive Asia Pacific markets

This new polymer combines a specific monomer composition with a specially designed **emulsifier system**, resulting in “best-in-class” water absorption for excellent water proofing properties. Due to its unique composition, the formulated waterproofing membrane shows **no blistering, continuous strength and no delaminating**, even after long-term and intensive immersion or exposure to water

Subject to the formulation of the application, Acronal<sup>®</sup> PS 755 ap is also suitable for mastic ceramic tile adhesives. This dispersion is wellbalanced between various mechanical properties such as elongation and tensile strength. It can be formulated without plasticizer, subject to performance requirement and formulation. It also has wide compatibility with various fillers for easy formulation.

### Processing

To avoid air voids content increase during processing of Acronal<sup>®</sup> PS 755 ap, it is recommended to add defoamer i.e. Foamstar PB 2706.

Additionally dispersant could be added to achieve homogenous finish product.

Wetting agent is advisable to be added to improve the adhesion with substrate depending on the intended application and requests.

It is strongly recommended to carry out your own trials when developing and processing products contains Acronal<sup>®</sup> PS 755 ap. This also includes testing the storage stability of customer's finish product.

### Technical Data

Solids content	49 - 51 %
pH value	7.5 – 8.5
Viscosity DIN EN ISO 2555 RVT, 23°C	200-900 mPa · s
Density	approx. 1.04 g/cm <sup>3</sup>
Tg	approx. 23°C
MTTF	approx. 19°C

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