

Acronal[®] Xpress 7558

Polymer Dispersions for Construction

Chemical nature An aqueous acrylate dispersion.

Properties

Physical form Liquid dispersion

Technical data
(no supply specification)

Solids content	DIN ISO 1625	51.5-53.5 %
pH Value	DIN ISO 976	10.5-11. 5
Viscosity	DIN EN ISO 2555 23 °C	500-1500 mPa·s
Density	ISO 2811-1 20 °C	Approx. 1.02 g/cm³
Glass transition temperature of film		Approx. 23 °C

Application

Application areas Acronal[®] Xpress 7558 is designed for the application of pavement marking paint with quick drying characteristics. It is typically applied on the highway and taxi line on airport. At regions where the environment-friendly requirement is asked, waterborne pavement marking paints could be also a good solution.

Pavement marking paint formulated with Acronal[®] Xpress 7558 has a quick dry time under a broad range of application condition, i.e. high humidity. Furthermore, it has a great early wash out resistance and short track time (no tire to glue) allowing a broad application window even in rainy season.

Besides, superior abrasion resistance could also be observed when using Acronal[®] Xpress 7558 X in pavement marking paint.

Processing

In pavement marking paint formulation, dispersing agents i.e. Dispex[®] AA 4040 and Dispex[®] CX 4320 are recommended to be formulated into pavement marking to achieve good storage stability

To avoid air voids content increase during processing of Acronal[®] Xpress 7558, defoamer Foamaster[®] 2410 is necessary to be added.

Coalescent such as TMPD-MIB is recommended into the formulation as Tg of Acronal® Xpress 7558 is high. To achieve proper rheology some thickeners could be used.

It is strongly recommended to carry out your own trials when developing and processing products contains Acronal® Xpress 7558. The compatibility of Acronal® Xpress 7558 with other ingredients of formulations, mixing processes and its adhesion on different substrates, etc, are affected by a variety of factors which are too numerous for us to take into account in BASF trials. This also includes testing the storage stability of customer's finish product

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. They do not constitute the agreed contractual quality of the product and, in view of the many factors that may affect processing and application of our products, do not relieve processors from carrying out their own investigations and tests. The agreed contractual quality of the product at the time of transfer of risk is based solely on the data in the specification data sheet. Any descriptions, drawings, photographs, data, proportions, weights, etc. given in this publication may change without prior information. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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