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# Product Information

## Acronal® 3633 ap

### Polymer Dispersion for Construction

Acronal® 3633 ap is an APEO-free, aqueous acrylic pressure sensitive dispersion designed for flooring adhesives.

#### Chemical Nature:

Acrylic copolymer dispersion containing carboxyl groups

#### Benefits

- Excellent adhesion to low surface energy substrates
- High tack and good cohesion balance
- Excellent peel and shear properties
- Excellent water resistance
- High moisture and alkali resistance
- Quick drying time for faster installation
- Tackifiable without sacrificing shear

#### Features

- APEO free
- Low Odor

#### Properties

Product specification*	Property	Value
Product specification*	Solids content	% 60 ± 1
	pH value	6.0 – 8.2
	Viscosity at 23 °C, 2/50 rpm	mPa·s 200 – 500
Other properties of dispersions	Glass transition temperature	°C Approx. -35

\*The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.

#### Note

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

# Acronal® 3663 ap

## Applications

### Areas of application

Acronal® 3633 ap is an aqueous all-acrylic pressure sensitive dispersion designed for adhesives used to install luxury vinyl tile and plank. Adhesives manufactured with Acronal® 3633 ap exhibit excellent peel and shear properties under high moisture and alkali conditions. Flooring adhesives formulated with Acronal® 3633 ap also feature quick drying time, contributing to faster installation and reduced labor cost.

### Processing

If Acronal® 3633 ap is to be mixed with another dispersion, the pH should be adjusted to the slightly alkaline range. Note that the viscosity increases when the pH is raised.

Together with added fillers, resins, etc., Acronal® 3633 ap is processed into adhesives in the usual mixing equipment. The stability of formulations can be ensured with dispersants (e.g. Dispex® A 4140, Dispex® Ultra FA 4425).

Coalescing agents such as glycol ethers and their acetates are recommended. Rheology can adequately be modified by using rheology modifiers such as Rheovis® AS 1125 and Rheovis® HS 1152.

Commercially available antifoaming agents (e. g. Foamaster® WO 2323, Foamaster® MO 2134) are suitable for suppressing foam. Usually the addition of 0.05 – 0.2 % of the antifoaming agent in the formulation is enough.

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# Acronal® 3633 ap

## Safety

### General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

### Safety Data Sheet

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

### Labeling

According to all the data at our disposal, Acronal® 3633 ap does not need to be labelled as a dangerous substance or preparation as defined in the relevant local directives according to their current status.

## Storage

Acronal® 3633 ap must not be allowed to come into contact with metals or alloys that are susceptible to corrosion. It is very important to ensure that containers are kept tightly closed or that the airspace in storage tanks is kept saturated with water vapour. Exposure to frost or sources of intense heat must be avoided.

Acronal® 3633 ap contains sufficient preservative for transportation. More preservative must be added during subsequent storage to protect the material against microbial attack and tank hygiene measures must be adopted (cf. our Technical Information Bulletin "Storage tanks for polymer dispersions").

Acronal® 3633 ap has a shelf life of approximately 9 months from date of manufacture at temperatures between 10°C to 30°C.

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