

**ROVACE™ 571**

Vinyl Acetate Homopolymer Emulsion

Introduction

ROVACE™ 571 is a general purpose, high viscosity, polyvinyl-alcohol (PVA)-stabilized, vinyl acetate homopolymer emulsion. It has good wet tack and high strength in dry films and good adhesion due to its re-emulsification when bonding new concrete to old. ROVACE™ 571 emulsion is compatible with a wide variety of formulation additives.

Typical Applications

ROVACE™ 571 is typically used as an unmodified mortar adhesive, to bond mortar to old concrete. As is true for all PVA homopolymers, this product is suitable for use in interior applications where water resistance is not critical. For areas where water resistance is important, Dow suggests the use of RHOPLEX™ 100% acrylic emulsions.

ROVACE™ 571 is also a good choice as an effective plaster adhesive bonding agent. For example, it will effectively bond gypsum acoustical plaster and similar materials to cinder block, stone, sheet rock and rock lathe. ROVACE™ 571 can also be used in panel and stud adhesives.

Advantages

- Good wet tack
- High strength
- Good adhesion

Typical Physical Properties

These properties are typical but should not be considered specifications.

Emulsion type	Nonionic
Solids content, % by weight	55
pH @ 25°C	4.4 - 5.3
Brookfield viscosity @ 25°C, LVF, cPs	2,300
Glass transition temperature (T _g), °C (DSC onset)	30.0
Minimum film formation temperature (MFFT), °C	15.0
Specific gravity @ 25°C	1.1

Formulation Guidelines

Contact your local Dow representative for suggested starting point formulations and related information.

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