

ORGAL[®] PR 670

Styrene Acrylic Micro Binder

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INTRODUCTION

Orgal PR 670 is a non-plasticized styrene acrylic copolymer emulsion with very fine particles, developed as a primer for mineral substrates or formulations for impregnating wood stains.

Orgal PR 670 is supplied as a low viscosity emulsion. The emulsion dries to give a slightly tacky and clear film. Due to the very small particle size, *Orgal PR 670* has excellent penetration and adhesion properties.

TYPICAL PROPERTIES

Appearance	Opal emulsion
Solid Content % \pm 1	30
Viscosity (Brookfield RVT 1/60)	100 cps max
pH	7.0 - 8.0
Density (25°C, g/cm ³) \pm 0.01	1.01
T _g (°C)	8
Storage Stability	Protect from freezing

APPLICATION PROPERTIES

Orgal PR 670, having extremely small particle size, is especially suitable for the production of aqueous high penetration primers on substrates as plaster, concrete and asbestos cement. Small quantities of surfactants would help the penetration power. The product is highly resistant to alkaline media thus making it compatible with gypsum and gypsum board. Penetration power also depends on the porosity of the substrate.

Orgal PR 670 may also be used as a binder in impregnating wood stains

- Penetrating stain varnishes
- Wood primers
- Penetrating primers
- Concrete curing membranes

PRODUCT HANDLING – STORAGE – SHELF LIFE

To ensure safe storage of this emulsion, containers should be well sealed to prevent the water evaporation and skin forming. The emulsion must be stored between 5-25°C for a maximum of 6 months and freezing must be avoided.

Important Notice: This information is based on our present state of knowledge and is intended to provide general notes on Organik Kimya Products and their uses. It should not therefore be construed as a guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.