



KAPAMER

PRODUCT DESCRIPTION

Type

A premium acrylic-styrene one component emulsion primer with resistant to water penetration. Kapamer make the substrate surfaces be coherent and increases adhesive between paint and it.

Features and benefits

No Unpleasant Smell- emulsion paint has no petroleum diluents and unpleasant smell due it

Anti Algae & Anti Fungal - Long lasting protection against fungus and algae in tropical climates.

Water Resistant - Resist water ensuring less stain marks.

Formulated without Harmful Chemicals - Free from harmful chemicals such as APEO, formaldehyde, heavy metals and has low volatile organic compound (VOC).

Excellent Wetting- without any extender it has good penetrating and wetting power.

Recommended use

To be used as a sealer and a primer for masonry substrates.

Substrate On

concrete, masonry, plaster and brickwork.

PRODUCT DATA

Generic type	acrylic-styrene
Colours	Clear
Solids	20± 2 volume%
Packaging size	packing in 4, and 20 liter plastic container

APPLICATION DATA

Application methods

By brush, roller, airless spray or conventional spray.

for rough surfaces use the brush recommended.

Guiding data for airless spray



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TECHNICAL DATA SHEET

Nozzle tip	.018 - .027
Spray angle degrees	40° - 80°
Pressure at nozzle	2100 psi

Guiding data for conventional spray

Nozzle tip	0.055-0.070
Pressure at nozzle	42-56 psi

Check to ensure that water and oil filters are available. Distance from air compressor to filters is to be at least 10 m.

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Recommended film thickness per coat

Dry film thickness : 20 - 25 microns (µm)

Wet film thickness : 100 - 150 microns (µm)

Film thickness will vary and is calculated as average.

Dilution

Tinning not required.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with: Good ventilation (Outdoor exposure or free circulation of air) Typical film thickness One coat on top of inert substrate The given data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.



TECHNICAL DATA SHEET

3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

Relative Humidity (RH) 50 % and Substrate temperature 25°

Surface (touch) dry	30 min
Hard dry	180 min
Dry to over coat	60 min

Equipment cleaning

Clean equipment by soap and warm water

DIRECTIONS FOR USE

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Storage

Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Storage in winter

Water-based paint can freeze at the same temperature that water freezes at (0 degrees centigrade). Freezing temperatures can do permanent damage to the emulsion in paint, causing the paint to become a strange consistency. Paint that has frozen and thawed may become ropey, stringy or clumpy. It may be the consistency of cottage cheese or gritty, like sandy water.

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This Technical Data Sheet has issued by research and development unit in MOBTAKERAN SANAT PAINT AND RESIN company. For more detail please visit our website at www.polyface.ir