



Data sheet

RAW PVA

Primer, bonding aid & adhesive

RAW PVA can be used as a primer to improve adhesion to porous or difficult surfaces prior to plastering. It will also bond most common light building materials as long as one surface is porous. It is for interior use only, in dry service conditions.

Colour

White, dries to a transparent film

Form

Liquid

Composition

Polyvinyl acetate emulsion

Application temperature

+5°C to +25°C

Open time

5 to 10 minutes*

Bonding

Maximum strength is attained in 24 hours*

Priming

Dries after approx. 1 hour*

*Depending on temperature, humidity, coating weight and substrate.

Coverage

Undiluted 6 to 14m² per litre (depending on substrate and application technique)

Application

Preparation

Surfaces must be sound, dry, clean and free from grease, dust and loose material. Shake well before use. The adhesive can be applied by brush, roller, spreader, or from a squeezable plastic bottle. Bonding work must be done when the adhesive is still wet or tacky, but when using as a primer the adhesive must be allowed to dry.

Application

Primer

Porous surfaces e.g., clay brick, sand/cement renders, cement sheet etc.

Apply a mixture of 1 part RAW PVA diluted with 4 parts water by volume. Apply to the surface and allow to dry.

For damp or exterior surfaces, use SBR.



Plastering

Preparation

Ensure the surface to be plastered is clean, sound and dry, and can support the weight of new plaster. Any loose or flaking material must be removed before applying PVA or plaster. Do not apply PVA over loose paint or any wallpaper.

To bond new plaster to porous surfaces e.g., brickwork, old plaster and timber.

Prime the surface with 1 part RAW PVA to 4 parts water by volume. When dry, coat the surface with a mixture of 5 parts RAW PVA to 1 part water by volume and, while still tacky, apply the plaster.

To bond new plaster to non-porous surfaces e.g., glazed tiles.

Apply an undiluted coat of RAW PVA and, while still tacky, apply the plaster.

Adhesive

To bond most types of wood under dry conditions

Apply undiluted RAW PVA to one surface. Join surfaces immediately and apply weight, or clamp joint for at least 1 hour. Porous substrates may require priming first with 1 part RAW PVA to 4 parts water by volume and allowed to dry before applying the adhesive coat. Under normal conditions, joints can be handled carefully after 1 hour, although setting times may vary depending on the surface porosity and ambient conditions. Full bond strength is normally obtained in 24 hours. To obtain a longer open time (above method is usually 10 minutes), prime with a mixture of 1 part RAW PVA to 4 parts water by volume. When the priming coat is dry, apply the adhesive coat.

Cleaning

Clean tools and equipment with warm, soapy water immediately after use.

Storage

Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 18 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

Precautions in use

For damp or external situations, use SBR. RAW PVA should not be used in areas subject to frequent wetting. Do not apply below +5°C. For internal use only, in dry service conditions. RAW PVA can be used as a primer before painting when used according to paint manufacturer's recommendations and instructions. RAW PVA should not be used for rendered surfaces subject to constant immersion in water e.g., swimming pools. The product is not designed to harden concrete floors. The product will not bond two non-porous surfaces – in such cases, use an appropriate contact adhesive. RAW PVA is not suitable for structural bonding, or continuous load bearing applications.