

Concrete and Mortar Admixtures**PVA®****Multi-Purpose Mortar Admixture and Primer****DESCRIPTION**

White colored polyvinyl acetate (PVA) emulsion with high viscosity and adhesive, binding and sealing properties.

APPLICATION AREAS

- Indoors,
- Horizontal and vertical applications,
- Repairing reinforced concrete structural elements and floors,
- Bonding old and new concrete,
- Bonding screed, plaster and paint to concrete, stone, brick and tile,
- Bonding materials such as plastic sheet, brick, glass, stone, chipboard, metal (except PVC, rubber and PE) to each other or to the concrete surface,
- As a mortar and screed additive to create a thin and seamless top layer,
- As an adherence additive to repairing mortars,
- Bonding sound boards, gypsum boards and ceramics to walls and ceilings, using appropriate filler.

TECHNICAL PROPERTIES

Appearance	High viscosity white colored liquid
Liquid Density	~ 1.04 kg/L
Solid Ratio	45%
pH	4 – 5 (20°C)
Film Forming Temperature	+2°C / +6°C
Application Temperature	Between +5°C and +35°C
Service Temperature	-20°C / +80°C

ADVANTAGES

- Multi-purpose, dries fast, increases adherence.
- Easy to apply.
- Increases resistance against oil and salt solutions.
- Reduces dusting.
- Economical.

CONSUMPTION

Pure	:	80 - 160 gr/m ²
1:1 Diluted	:	40 - 80 gr/m ²
1:3 Diluted	:	25 - 50 gr/m ²

These amounts may vary according to the structure and roughness of the surface.

PACKAGING

6 kg, 20 kg, 30 kg plastic jerrycans and 180 kg barrels

APPLICATION

APPLICATION INFORMATION

- The surface must be clear of materials that prevent adhesion, such as dust, oil, paint, curing material, detergent, mold oils and silicone.

PREPARATION OF THE MORTAR

APPLICATION		DILUTION RATIOS	
		Semi-porous, non-porous surfaces	Porous surfaces
On seamless thin floors, bonding cement and plaster, under tile and ceramics	Floor covering layer	FIXA PVA/Water: 1/6	FIXA PVA/Water: 1/4
	Bonding and adhesive layer	FIXA PVA/Water: 1/2	FIXA PVA/Water: 1/2
Bonding new concrete to new concrete	Floor covering layer	FIXA PVA/Water: 1/5	FIXA PVA/Water: 1/3
	Bonding and adhesive layer	FIXA PVA/Water: 1/1	FIXA PVA/Water: 1/1
As admixture in screed and plaster			20 – 30 L / 100 kg cement

APPLICATION

As an adhesive:

- For flat and smooth surfaces; dilute with same amount of water, apply on both surfaces. Wait for the surfaces to dry a little, adhere both surfaces to each other by pressing strongly.
- For two wooden surfaces, apply only on one surface should and press firmly.
- Keep large surfaces such as rolled plastic between clamps or weights until the layers are fully adhered. Usually this time is 24 hours depending on the porosity of the surface.
- If the surfaces to be bonded are very porous, thin FIXA® PVA Multi-Purpose Mortar Additive and Primer with double amount of clean water, apply to the surfaces and leave to dry. On rough surfaces or surfaces that need to be filled, mix cement and sand into FIXA® PVA diluted with equal amounts of water to a paste-like consistency and use as an adhesive.

As a binder for screed, plaster or paint:

- Dilute with water at the rates shown in Table – 1 and apply in two layers.
- Wait for the concealer coat to dry before applying the binder coat.

For bonding new concrete to old concrete:

- The surface must be smooth and solid, free from oil and materials that do not adhere well to any surface. The surface must be dry.
- Dilute with water at the rates shown in Table – 1 and apply in two layers. After two coats of application, pour the new concrete on it while it is still wet.
- Add 2.5 - 5 L of FIXA® PVA Multi-Purpose Mortar Additive and Primer to 100 kg cement to ensure maximum bonding strength.

CAUTION

- Use AQUALATEX instead of FIXA® PVA in wet and moist areas.
- Avoid application at temperatures below +5°C and above +35°C.

- Avoid application in areas that are frozen, at risk of freezing within 24 hours, or in areas open to direct sun and wind.

SHELF LIFE

Expires in 12 months. Store unopened packages. Shake well before use. Protect against freezing.

HEALTH AND CAUTION

As with all chemical products, avoid contact with food, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves, glasses and mask in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In contact with skin, wash with plenty of water. It should be stored out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Yapı Chemicals San. Trade Ltd. Sti. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.