



OVERVIEW

ADDGRIP PVA102 is a polyvinyl acetate latex emulsion which is a multipurpose adhesive, surface sealer, admixture and bonding agent. This is a perfect admixture for cement to reinforce its bonding strength and has a wide range of applications.

PROPERTIES

- Bonding agent for cement screeds, render, mortar and concrete
- Used as an integral bonding agent within cementitious system
- Reduce water contents and improve adhesion to substrates
- Multipurpose application, economical, easy to use
- Tenacious adhesive properties
- User-friendly and quick-drying.

APPROPRIATION

- Concrete/mortar admixture.
- Recommended where permanent dampness occurs.
- Surface sealer and bitumen primer
- Bonding agent for rendering, repair concrete, floor topping
- An effective primer prior to certain decorative coating.

APPLICATION:

For uneven surfaces or gaps to be filled, **ADDGRIP PVA102** is diluted with an equal amount of water to obtain a paste with plaster, cement or fine sand. Such paste can be applied as An adhesive for plasterboards, polystyrene tiles, etc. to ceilings and walls. If the bonding surface is more porous, add 3 times the amount of water to **ADDGRIP PVA102** and prime the surface. As a bonding agent for screeds, plaster and rendering, the surface should be sound and free from all unwanted materials, such as oil, grease, paint, etc. Sealing of the surface is done with 1 part **ADDGRIP PVA102** with 3 parts of water. Then apply the bonding coat (1:1) and render screed or plaster normally. The same method is used to bond new concrete to old.

PRODUCT MANAGEMENT

Dosage Rates:

Laboratory trails followed by site trails should always be conducted to decide the optimum dosage of **ADDGRIP PVA102**. As a general guide, the following are the dosages under various application situations Admixture: **ADDGRIP V102** improves quality of mortar application increases the mechanical strength of screeds, reduces shrinkage and has perfect adhesion even on smooth concrete. For maximum bond strength, add **ADDGRIP PVA102 @ 5liters /100kg** of cement.

Bitumen Primer:

Stops bleeding of bitumen coating. Here, the surfaces are primed with **ADDGRIP PVA102** diluted with equal parts of water. This will form an efficient barrier that may be safely topped with most oilbase paints. Bonding new concrete to old: **ADDGRIP PVA02** ensures that the substrate is stable, sound and thoroughly clean and free from oil, grease and any adhering material. Apply a sealing coat of **ADDGRIP PVA102** diluted with four parts of clean water and allow drying. Apply a bonding coat of **ADDGRIP PVA102** diluted with an equal volume of water and lay the new concrete while this coat is still tacky Screed. For thin crack free floor screed (normal to heavy duty), **ADDGRIP PVA102**, 20 litres to 30 litres/100kg cement is recommended as a standard dosage

NOTE:

Do no use below 5 Oc
Over troweling has to be avoided
Always follow the mixing ratio and instructions

GRIPMIX provides an extensive range of products and services for most concrete and finishing needs. Please contact the GRIPMIX for Building Construction Materials Trading Co. LLC-Dubai for further information, samples, demonstrations and instructor services. The information presented in this leaflet is based upon laboratory research, as well as comprehensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on GRIPMIX's current state of knowledge and is intended to provide general information on GRIPMIX's products and their methods of use. The potential user is recommended to determine the suitability of GRIPMIX's suggestions and products before adopting them on a commercial scale.



Coverage:

20 litres to 30 litres/100kgs cement in 140 - 150ltr/m³
(as an admixture for mortar)
Ratio 1:1- 01 litre/20m²
Ratio 1:3 – 01 litre/35m²
Render coat: 10 -15ltr / 100kg cement
Curing occurs within 3 - 7 days.

Packing & Storage:

Up to 12 months in manufacturer's sealed containers stored in a cool dry place and away from high temperature. Available in 20kg and 200kg container. Reseal the container after use and ensure product is stored as instructed on the label.

Health & Safety:

As with all chemical products, caution should always be exercised, such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. For more details, please refer to the MSDS released on each **GRIPMIX** product.

TECHNICAL DATA

Standard Conforms	BS 5270
Appearance	White color
Specific gravity	1.00 at 25 °C
pH	6- 8
Chloride content	Nil
Flammability	Non-flammable
Dry Film Nature	Tough