



# UltraPrime AR

Multi-purpose acrylic primer for walls and floor

## SAFETY & HANDLING

May produce an allergic reaction. Keep out of reach of children. Wear protective gloves. Protect eyes where there is risk from splashing. In case of contact with eyes thoroughly rinse with water. If the eye irritation does not ease off within a few minutes seek medical advice.

## QUALITY AND CARE

All products originating from Gulf Additive Factory, Qatar facility are manufactured under a management system independently certified to conform to the requirements of the quality & safety standards ISO 9001.

## DESCRIPTION

**UltraPrime AR** is a multi-purpose, acrylic primer for use before tiling and application of flowable floor levelers. Acting as a moisture barrier and primer for plaster, plaster slabs, gypsum fiber boards, plaster boards, aerated concrete, concrete, asphalt, render and brickwork before tiling and wallpapering

It protects thin bed mortars and levelling compounds from rapid absorption of water, increases open time, improves adhesion, and prevents formation of shrinkage cracks. Its blue colour allows easier coverage control.

## TYPICAL APPLICATIONS

- Water-based polymer emulsion and is designed to give maximum penetration into the substrate to enhance surface preparation for bonding when tiling or screeding.
- For interior and exterior use.
- For walls and floors.
- Primer for aerated concrete and concrete on walls prior to the application of plaster and lime plastering.
- Priming prior to the application GAF levelling products, e.g., **UltraTop USL** and other mortars.
- Primer to strengthen dusty, absorbent screed surfaces and plasters indoors prior to the laying of tiles and mosaic.
- For priming absorbent substrates to protect subsequent materials from rapid dehydration.

## ADVANTAGES

- Secure adhesion, Gulf Additive Factory tile adhesives provide a good bond to UltraPrime AR
- Solvent-free, Ideal for use in indoor spaces as it is odorless, and user- friendly.
- Improves the strength and solidity of substrates and helps increase adhesion of tiles, plasters and wallpapers
- Protects thin-bed mortars and levelling compounds from too rapid dehydration, extends the open time, improves adhesion, and prevents formation of cracks caused by shrinkage
- Prevents formation of air bubbles and too rapid dehydration when levelling floors with **UltraTop USL** or **UltraTop OSL**

## TECHNICAL DATA

Material base	modified acrylic resin dispersion
Control Colour	blue
Shelf life	12 months when stored in dry conditions
Packaging	20 L pail
Components	1 part
Density	approx. 1.0 g/cm <sup>3</sup>
Storage	Storage store in a dry, frost-free place; no permanent storage over +40°C



# UltraPrime AR

## APPLICATION

Substrate	consumption	mixing ratio
Gypsum based substrates; anhydrite screeds, mastic asphalt screeds, Absorbent mineral substrates, e.g., concrete, sand-cement screeds, gauged renders, aerated concrete, limestone or similar	approx. 80 to 150 ml / m <sup>2</sup>  1st coat approx. 100 to 200 ml / m <sup>2</sup>  2nd coat approx. 50 to 70 ml / m <sup>2</sup>	Undiluted  diluted 1: 1 with water diluted 1: 1 with water
Working temperatures	+5°C to +40°C (Substrate temperature)	
Curing times* - walkable after - 2nd coat after - ready for further application after	approx. 30 – 60 min approx. 30 – 60 min approx. 60 – 180 min (Depending on the absorbency of the substrate as well as temperature and humidity).	
Temperature resistance of cured film	-20°C to +80°C	

\* At +23°C and 50% relative humidity. Higher temperatures reduce, lower temperatures increase the times given.

## PREPARATION OF SUBSTRATE

The substrate must be sound, clean and able to bear weight. Oil stains, bond-breaking residues such as waterproof adhesive residues, cement paste, and dirt must be thoroughly removed. Newly applied cement screeds must not have a moisture content above 4%, ground anhydrite and/or gypsum-based screeds not more than 0.5% (measured with CM meter).

- After the primer has cured (scratch proof) apply tile adhesive, wallpaper, paint, plaster, UltraTop USL or UltraTop OSL

### Please note

- Do not apply at temperatures below +5°C and above +40°C.
- In case of partial tiling the entire wall area should be primed (e.g., behind the bathtub or above the tile covering).

## APPLICATION PROCEDURE

- Stir UltraPrime AR well before use.
- Apply an adequate amount of undiluted UltraPrime AR, e.g., by roller, brush, broom to obtain a uniform coat. Avoid puddles forming
- Check strengthening and curing by scratching the surface.
- Do not apply tile adhesive, wallpaper, paint, plaster or floor leveller before the primer is dry
- In case of very absorbent substrates, it is recommended to apply a second coat of UltraPrime AR, diluted 1: 1 with water to achieve a more intensive strength and to avoid bubbles forming. Do not apply the second coat until the first one has completely cured.

## CLEAN UP

Clean tools and buckets immediately after use with warm soapy water; the cured product can no longer be removed with water

## SHELF LIFE

Up to 12 months in sealed container

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**NOTE:** Field service where provided does not constitute supervisory responsibility. Suggestions made by GAF either orally or in writing may be followed, modified, or rejected by the owner, engineer, or contractor since they, and not GAF are responsible for carrying out procedures appropriate to a specific application.

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