



ARDEX WR Prime

Performance Enhancing Polymer Primer & Additive

Enhances bond strength, increases flexibility and working time of cement based construction products

Improves surface strength and adhesion of cement based render

Ideal as a primer and additive for most cement based construction products

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ARDEX WR Prime

Performance Enhancing Polymer Primer & Additive

DESCRIPTION

ARDEX WR Prime is a performance enhancing primer and additive for renders and other cement based construction products. When used as an additive for cement based renders, adhesives, screeds and grouts, ARDEX WR Prime will significantly enhance bond strength and increase flexibility and working time. As a primer, it will improve adhesion to the following substrates:

- Masonry (Brick & Blockwork)
- Concrete walls
- AAC – Autoclaved Aerated Concrete Blocks and Panels
- Existing Render
- Blueboard
- Fibre-cement Sheet

SURFACE PREPARATION

Clean off dust, oil, grease and all loose contaminating materials or coatings including release agents and curing compounds. Green concrete should be allowed to cure for 28 days prior to the application of cement based products.

APPLICATION

Primer

Apply ARDEX WR Prime with a brush or roller and work evenly into the substrate. Allow the primer to dry to a clear, thin film prior to application of subsequent products. For porous substrates (i.e. AAC Blocks and Panels), two coats may be required.

Recommended mixing ratios as a primer (ARDEX WR Prime/Water):

| | |
|----------------------------------|-----|
| Rendering concrete walls: | 1:5 |
| Rendering AAC Blocks and Panels: | 1:2 |

Additive

The mixing ratio of ARDEX WR Prime is dependent on the application and the product. When used as an additive, replace the recommended amount of water with a mix of water and ARDEX WR Prime as per the mixing ratios below. For example, when using ARDEX WR 100 on dense concrete, change the mix ratio of 3 litres of water to 0.5 litres of ARDEX WR Prime with 2.5 litres of water, then mix with ARDEX WR 100 as usual.

Note: Refer to mixing instruction of the product that the ARDEX WR Prime is added to.

Recommended mixing ratios as an additive (ARDEX WR Prime/Water):

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Rendering dense substrates: | 1:5 |
| Rendering flexible substrates: | 1:5 |
| Cement-based Grouts: | 1:2 |
| (i.e. ARDEX FG 8 for swimming pools or timber floors. Observe the instructions and mixing ratios as stated on the product packaging or datasheet that ARDEX WR Prime is being added to.) | |
| Screeds: | 1:2 |
| Cement Slurry: | Neat (3 parts cement: 2 parts ARDEX WR Prime by volume) |

DRYING TIME

When used as a primer, allow to dry to a clear, thin film prior to application of subsequent products.

COVERAGE

Primer

One litre of ARDEX WR Prime is sufficient for approximately 6m².

CLEAN UP

Clean all tools in water immediately after use.

SHELF LIFE

12 months when stored in a dry place, in original unopened packaging.

Pay attention to the following:

Do not empty excess ARDEX WR Prime back into the original packaging as this may cause contamination to the contents.

SAFETY PRECAUTIONS

This product is considered non-hazardous and non-toxic in normal usage. Avoid contact with skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and eye protection and keep the product out of the reach of children. Avoid the generation of airborne dust during mixing. If swallowed do not induce vomiting, give a glass of water and contact a doctor. For further material safety data, consult the latest Material Safety Data Sheet.



TECHNICAL DATA

Product Characteristics

Colour

White Liquid

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations are only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice building regulations or industry guidelines may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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