



---

# ARDEX

# FEATHER FINISH

## Cement-Based Finishing Underlayment

---

No liquid latex to add, ever!

Portland cement-based, will not stain or mildew!

Never needs priming!

Recommended by floor covering manufacturers

Will allow most floorcovering installation while patch is damp

Economical! Skim coat up to 6m<sup>2</sup> per kg

No sand or fillers. Get a true featheredge

Exceptional bond to: Concrete, Wood, Terrazzo, Ceramic  
and Quarry Tile without priming

---

ARDEX Australia Pty Ltd  
26 Prince William Drive  
Seven Hills NSW 2147  
Tel: (02) 9851 9199  
Fax: (02) 9674 5621  
Email: [techinfo@ardexaustralia.com](mailto:techinfo@ardexaustralia.com)  
Internet: [www.ardex.com](http://www.ardex.com)

ARDEX New Zealand Ltd  
32 Lane St, Woolston  
Christchurch, New Zealand  
Tel: (03) 384 3029  
Fax: (03) 384 9779  
Email: [techinfo@ardexaustralia.com](mailto:techinfo@ardexaustralia.com)  
Internet: [www.ardex.com](http://www.ardex.com)

# ARDEX FEATHER FINISH

## Cement-Based Finishing Underlayment

### DESCRIPTION

ARDEX Feather Finish provides a smooth, permanent finish to a variety of substrates prior to the installation of today's demanding floor coverings such as vinyl sheet and tile.

ARDEX Feather Finish allows the installation of most types of floor covering in as little as 15 minutes over concrete, wood, ceramic and quarry tile – all without the need for priming or the use of a latex additive.

ARDEX Feather Finish mixes with water only to a creamy, smooth consistency for easy application. Engineered around a self-drying, Portland cement-based matrix, all of the mix water is chemically combined within the product itself. Using this unique technology, flooring installation problems associated with disbonding, crumbling, mildew and staining are eliminated, thus preserving the floor manufacturer's full product warranty.

### RANGE OF APPLICATION

Use ARDEX Feather Finish to smooth ridges, fill in scratches, gouges and joints and to provide a true featheredge transition over concrete, wood, cementitious terrazzo, as well as over ceramic and quarry tiles.

To use ARDEX Feather Finish as embossing filler, the use of ARDEX 82 ULTRA PRIME is required (See Embossing Filler)

*Especially suited for use with other ARDEX underlayment products.*

### SUB-FLOORS PREPARATION

All existing sub-floors must be structurally sound, solid and completely clean to include the removal of waxes, sealers, curing compounds, patching compounds, dust, dirt, oil, or any contaminant which may act as a bond breaker. Where required, substrate preparation must be by mechanical means. Do not use sweeping compounds, solvents or acid etching as a means of surface preparation. Sub-Floors must also be dry and a minimum of 10°C.

Consult the flooring manufacturer for the maximum allowable moisture content of the substrate and the recommended installation temperature.

**RECOMMENDED TOOLS: mixing bucket, margin trowel and a steel trowel. For best results use the ARDEX Mixing Paddle and mix mechanically using a 12mm heavy-duty drill.**

### MIXING

The recommended mixing ratio is two parts by volume of powder to one part water. For an entire bag, mix 2.2 litres of water with the 4.5 kg of powder. The use of additional water will weaken the ARDEX FEATHER FINISH and will cause it to take longer to harden. Place the water in the container first and then add the powder while mixing by hand to a lump-free consistency. Using mechanical mixing will produce a creamier and smoother consistency without the need for additional water.

### INSTALLATION

ARDEX FEATHER FINISH is easily applied to any prepared surface using a steel trowel. Apply sufficient pressure to fill all defects and to feather the product into the sub-floor surface. It is not necessary to leave a certain minimum thickness of product on the substrate. Use the least amount possible to attain the desired smoothness.

### THICKNESS OF INSTALLATION

ARDEX FEATHER FINISH can be installed from a true featheredge up to 3mm thick over large areas in one application.

### POT LIFE

Approximately 15 minutes at 20°C. Note: The pot life will vary with ambient temperature conditions. Mix only the amount of ARDEX FEATHER FINISH that will be used immediately to avoid waste.

### FLOORING INSTALLATION

As soon as the ARDEX FEATHER FINISH can be walked on without damaging the surface (in as little as 15 – 20 minutes), standard floor covering such as ceramic tile, vinyl tile and sheet and carpeting can be installed.

### COVERAGE

The unique formulation of ARDEX FEATHER FINISH is such that its coverage is easily three times that of a sanded product. A 4.5 kg unit covers up to 3m<sup>2</sup> @ 3mm. When skimming over concrete coverage is 10 – 15m<sup>2</sup>, and over plywood 20 – 30m<sup>2</sup> can be achieved.

### EMBOSSING FILLER

Existing felt-backed embossed residential sheet vinyl must be clean and free of waxes or other dressings. The flooring must be solidly bonded, have been installed over a suitable substrate, and must not show any signs of moisture or alkaline salts. Do not use as an embossing filler over cushioned-backed flooring which is thicker than 2mm or over flooring, which was installed using a perimeter bonded method.

To use ARDEX FEATHER FINISH as an embossing filler, mix one part by volume of ARDEX 82 Part A to one part by volume of ARDEX 82 Part B and blend to a uniform consistency. Add two parts by volume of ARDEX FEATHER FINISH and mix as above.

For example, mix 1 cup (250ml) of ARDEX 82 Part A with 1 cup (250ml) of ARDEX 82 Part B. Blend this to a uniform colour and consistency and then add 2 cups (500ml) of ARDEX FEATHER FINISH. Mix the embossing filler to a creamy consistency using an ARDEX Mixing Paddle and drill. Apply the filler to the prepared residential sheet vinyl with the flat side of a trowel in the thinnest possible layer

# ARDEX FEATHER FINISH

## Cement-Based Finishing Underlayment

to fill in the existing pattern. (Coverage of above mix is 5m<sup>2</sup>, depending on the depth of the embossing pattern). After the pattern is filled, should additional filling or smoothing be required, use ARDEX FEATHER FINISH mixed with water only.

The embossing filler blend will typically require 90 minutes of drying time prior to the installation of the new residential sheet vinyl. The surface is ready when a twist of a shoe does not affect the bond of the embossing filler. When dried, the surface of the filled vinyl is considered a non-porous substrate and the adhesive should be selected accordingly, otherwise bubbling of vinyl may occur. Loose lay or contact your adhesives supplier for specific recommendations.

### LIMITATIONS

ARDEX FEATHER FINISH is intended for interior underlayment use only. Do not use in areas which will be subjected to standing water.

**NOTE:** ARDEX FEATHER FINISH is a cement-based material. Observe the basic rules of concrete work. Do not install on substrate of ambient temperature below 10°C or below the minimum temperature recommended by the floor-covering manufacturer. DO NOT OVERWATER.

### FLOORING ADHESIVES

When installing a skim coat of FEATHER FINISH over non-porous surfaces such as ceramic tiles, residential vinyl flooring always refer to the adhesive supplier for their recommended installation procedure.

### WARNING – AS WITH OTHER CEMENT PRODUCTS

Keep out of the reach of children. This product contains Portland cement. Avoid prolonged contact with the skin. In case of eye contact, flush eyes repeatedly with water and consult nearest doctor.

**Packaging:** 4.5kg bags (10lbs).

**Storage:** store in a cool, dry area. Do not expose bags to the heat of the sun as this can accelerate the pot life.

**Shelf Life:** 6 months.

**NOTE:** The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product application. Users are asked to check that the literature in their possession is the latest issue.

ARDEX products are manufactured in Australia.

ARDEX AUSTRALIA Pty Ltd.  
– ABN 82 000 550 005



Materials are also manufactured in Austria, Denmark, United Kingdom, France, Germany, Singapore, Spain, USA and represented throughout the world.

Date 22nd May 2003.