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# ARDEX A30

## Slump-free Feather Edge Patching Compound

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Levelling and repairing of steps and landings

Rapid hardening - walkable after 1 hour

Suitable for Residential & Commercial applications

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# ARDEX A30

## Slump-free Feather Edge Patching Compound

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### DESCRIPTION

ARDEX A 30 is a slump free feather edge patching compound that is designed for internal filling of cavities, holes, unevenness and patching work in wall and floor areas. When mixed with water the result is a smooth slump free mortar with a pot life of approximately 15 minutes. ARDEX A 30 is rapid drying through hydration to a virtually tension free compound.

### AREAS OF APPLICATION

Internal filling cavities, holes, unevenness, grooves, patching work in wall and floor areas. Levelling and repairing of stairs and landings. ARDEX A30 can be used for smoothing of floor surfaces, producing and smoothing ramps.

### SUBSTRATE PREPARATION

The substrate must be dry, firm, sound, free from dust and release agents. ARDEX A 30 adheres to many types of substrates. Very dense, smooth impervious surfaces like terrazzo, tiles etc, should be primed with ARDEX P 82.

### PRIMING

ARDEX A30 will bond to most porous substrates without the need of primer.

When bonding to non-porous substrates increased adhesion can be had using ARDEX P9 or ARDEX P82 Primer as per the technical datasheet.

### MIXING

The ARDEX A 30 powder is added to the required amount of water in a clean mixing container and mixed thoroughly to obtain a lump-free and slump-resistant mortar.

To approximately 5.5 to 6.5 litres of water, add the ARDEX A 30 (20kg) whilst mixing thoroughly.

### APPLICATION

ARDEX A 30 can be applied from feather-edge to 20mm in a single application. In smaller, well defined areas, such as holes, thickness application is not restricted. ARDEX A 30 can be feather edged to match existing elevations.

For thickness over 5mm, but not exceeding 30mm, the ARDEX A30 can be bulked out with 1/3 volume of sharp sand (0-5mm grading), or up to an equal volume of 3mm single sized aggregate/chippings. For localised thickness exceeding 20mm and up to 50mm, e.g filling deep holes and cracks, incorporate up to an equal volume of 2 - 5mm gravel in the ARDEX A30 mortar.

Power-trowelled (burnished) concrete and Hi-strength concrete greater than 35MPa, shall be mechanically prepared to CSP3 profile.

Repairs: Apply the mortar with a trowel to holes, cracks and damaged areas, ensuring that the mortar "wets" the surface by trowelling in firmly, leaving the repair proud. After about 15 minutes trim off excess and finish off with a wet trowel,

sponge or sponge float to obtain a smooth surface. As soon as the repair has hardened, the surface of the floor, stair tread etc, can be levelled, if necessary with ARDEX sub-floor levelling cement.

Smoothing and Refacing: Apply the mixed mortar with a trowel to the required thickness taking into account the short working time. The material may be finished with a wet trowel after 15 – 20 minutes to provide a finish suitable for direct application of floor coverings. High aggregate content mixes may require a second application of "neat" ARDEX A30.

Apply at temperatures above 10°C.

ARDEX A 30 is workable for approx. 15 minutes at 23°C. Lower temperatures lengthen the working time, higher temperatures shorten it. ARDEX A 30 is particularly suited for restoring worn out and damaged steps and stairs. After approx. 15 minutes trim off excess mortar and finish off with a wet trowel, sponge or float to obtain a smooth surface.

After hardening of the compound subsequent floor levelling can be done with ARDEX K125, ARDEX K275, ARDEX K12. Fast track installation by using ARDEX K55 is also possible.

### PRECAUTIONS

The ARDEX A 30 can be walked on after approx. 60 minutes at a temperatures of 23°C. Subsequent levelling work should be done immediately after the area is trafficable. Should the area be dry already, priming has to be done with ARDEX P 51 diluted 1:3 with water.

The finished surface has to be protected against direct sunlight and during cure. If in doubt install test areas first. Please observe the common rules of practice in AS 1884 and AS 2455.

ARDEX A 30 is not suitable over metal, timber or any substrate that experiences significant movement.

### PACKAGING

ARDEX A 30 is packed in polylined paper sacks – net weight 20kg.

### SHELF LIFE

ARDEX A 30 has a shelf life of 12 months if stored in dry conditions in the original unopened packaging, at 23°C and 50% relative humidity.

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TECHNICAL DATA	
Mixing Ratio	Approx 5.5 to 6.5 litres water 20kg powder is equivalent to approx. 1 vol. of water 2.5 vol. of powder
Bulk Density	Approx. 1.3kg/L
Fresh Mortar Weight	Approx. 1.7kg/L
Material Requirement	Approx. 1.25kg of powder per m <sup>2</sup>
APPLICATION PROPERTIES At 23°C & 50% RH	
Working Time	Approx. 15 minutes
Walkability	Approx. 60 minutes
Ready To Receive Floorcoverings	Approx. 60 minutes
Resistant To Chair Castors	Yes
Suited For Floor Heating	Yes
COMPRESSIVE STRENGTH	
After 1 Day	21 MPa
After 7 Days	29 MPa
After 28 days	35 MPa
TENSILE BONDING STRENGTH	
After 1 Day	5 MPa
After 7 Days	6 MPa
After 28 Days	7 MPa

### SAFETY DATA

This product causes skin irritation and may cause an allergic skin reaction. This product causes serious eye damage and may cause respiratory irritation. This product is suspected of causing genetic defects and may cause cancer. This product causes damage to organs through prolonged or repeated exposure.

In case of contact with the eyes, remove contact lenses if present and easy to do, rinse with running water until advised to stop by a doctor, or for at least 15 minutes. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fumes. Ensure adequate ventilation during mixing and application. Store locked up. Check with your local Council regarding the disposal of contents, dispose of packaging thoughtfully and recycle where possible. Keep out of the reach of children. Call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at [www.ardexaustralia.com](http://www.ardexaustralia.com).

### GUARANTEE

ARDEX Australia Pty Ltd ("we" or "us") guarantees this product ("our goods") is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of purchase. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or compensation, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow published instructions or any act or circumstance beyond our control, including shade variations and efflorescence. If you wish to make a claim under this guarantee you must notify us (ARDEX Australia Pty Ltd, 2 Buda Way Kemps Creek NSW 2178; Toll Free: 1800 224 070; Email: [technicalservices@ardexaustralia.com](mailto:technicalservices@ardexaustralia.com)) and provide evidence of your purchase of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a "consumer" under the Australian Consumer Law and to that extent you need to be aware that: "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure".

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