



CI/SfB

Y

FEBRUARY 2014
(SUPERSEDES SEPTEMBER 2013)
PRODUCT DATA SHEET

ARDEX P 4

Ready Mixed Rapid Drying Multi-Purpose Primer

Features

- Ready mixed re-sealable tub for convenience and ease of use
- Rapid drying - dries in as little as 30 minutes
- White colour allows clear identification of primed areas
- Moisture resistant - for internal and external use
- Produces a textured grip surface
- For use with ARDEX tile adhesives and floor levelling compounds
- Suitable for a wide range of absorbent and non-absorbent substrates
- Consistency which virtually eliminate drips and splashes so ideal for use on walls, floors and ceilings
- Revolutionary, white, single component, solvent free system



Reg No. FM 01207

EMS 565427

OHS 628374

ARDEX UK LIMITED
Homefield Road, Haverhill, Suffolk CB9 8QP UK.
Telephone: +44 (0)1440 714939
Fax: +44 (0)1440 716640
Email: technical_admin@ardex.co.uk
ARDEX online: www.ardex.co.uk

ARDEX P 4

Ready Mixed Rapid Drying Multi-Purpose Primer

DESCRIPTION

ARDEX P 4 Primer is a ready mixed, rapid drying, multi-purpose, drip free solvent free primer.

USE

ARDEX P 4 Primer can be used on internal and external walls, ceilings and floors. The consistency of ARDEX P 4 Primer has been optimised so that dripping and splashes are virtually eliminated. For use prior to the installation of ARDEX tile adhesives and floor-levelling compounds. ARDEX P 4 Primer produces a textured grip which facilitates tile on tile application, eliminating the risk of adhesives slipping when being applied to smooth surfaces.

It is the ideal primer for use in areas which may become damp or wet such as kitchens bathrooms and porches, etc. If a damp proof membrane is required consult the ARDEX DPM 1 C datasheet.

ARDEX P 4 Primer is suitable for use on substrates such as:

- Concrete
- Cement and lime renders
- Sand/cement screeds
- Ceramic Tiles and slabs
- Terrazzo
- Dispersion based paints
- Traces of non-water soluble, flooring adhesives
- Dry screeds
- Levelling and smoothing compounds
- ARDEX Damp Proof Membranes

SURFACE PREPARATION

Surfaces should be firm, sound and free from dust, dirt, water soluble materials, excess adhesive residues and other barriers to adhesion. Polish, wax, grease etc, should be removed using ARDEX DGR Degreaser prior to suitable mechanical preparation.

Where ARDEX P 4 Primer will be used in conjunction with moisture sensitive materials, the substrate must be dry i.e. have a Relative Humidity of no greater than 75% and where appropriate, be protected by a functioning ARDEX damp proof membrane such as ARDEX DPM 1 C.

Apply ARDEX P 4 Primer to a cured ARDEX DPM 1 C within 36 hours and to ARDEX DPM 1 C R within 8 hours.

ARDEX P 4 Primer can be used under ARDEX smoothing and levelling compounds on internal concrete.

ARDEX P 4 is ideal for use externally under ARDEX K 301 Exterior Self-Smoothing and Resurfacing Compound.

APPLICATION

ARDEX P 4 Primer is a ready mixed and ready to use primer. Apply a thin, even coat with a short pile roller or paint brush.

Apply the primer evenly and allow sufficient coverage on the substrate so that once dry it will give an opaque white, film. This should not be a translucent or transparent film. Before applying tiling or flooring products, leave to dry to form a thin even white film.

The drying time depends on the temperature and absorbency of the substrate, typically 30-60 minutes at 20°C. On certain substrates in favourable conditions this can be as little as 30 minutes. High temperatures and absorbent substrates will shorten the drying time. At lower temperatures and on dense substrates the drying time will be extended.

Once dry there is no time limit on how long before subsequent compounds or products must be applied but we recommend this is done as promptly as possible to avoid surface contamination or damage to the primed floor.

Reseal opened packaging after use to avoid evaporation and contamination.

To facilitate application onto absorbent substrates, ARDEX P 4 Primer may be diluted with up to 1/4 litre of water per 2kg tub or 1 litre of water per 8kg tub.

Use surfaces where the temperature is at least 5°C and rising.

NOTE: ARDEX P 4 Primer is not recommended for submerged locations such as swimming pools or substrates such as metal, mastic asphalt, excess adhesive residues, Polyurethane and Epoxy coatings. For wood or wood based substrates please consult the ARDEX P 51 or ARDEX P 82 technical datasheet for advice.

PACKAGING

ARDEX P 4 Primer is available in a 2kg and 8kg tub.

COVERAGE

A 2kg tub of undiluted ARDEX P 4 Primer is usually sufficient for priming at least 10m² and an 8kg tub of undiluted ARDEX P 4 Primer should cover at least 40m² on most typical substrates.

Coverage should not exceed 12.5m² per 2kg tub and 50m² per 8kg tub. Coverage depends on the texture and absorbency of the substrate, for example smooth ceramic tiles will require less material than a porous surface such as a screed.

CLEANING

Tools can be cleaned with water if the ARDEX P 4 is still wet and has not formed a dry film.

STORAGE AND SHELF LIFE

ARDEX P 4 Primer has a storage life of 12 months in the original unopened containers.

PRECAUTIONS

ARDEX P 4 Primer is an aqueous synthetic based dispersion. Wash off from skin before drying takes place. Any material splashed into the eye, mouth or nose should be washed away immediately with clean water. Avoid ingestion.

Non-toxic.

Small amounts are unlikely to cause more than temporary discomfort. If large amounts are swallowed, seek medical advice.

For the latest Health and Safety information on this product consult the current Health and Safety Data Sheet.

TECHNICAL DATA

According to ARDEX quality standards:
Drying time (20°C): approximately 30-60 minutes.

Suitable for underfloor heating: Yes

NOTE: The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to up date this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

TECHNICAL ADVICE HELPLINE
01440 714939

ARDEX online
www.ardex.co.uk