



ARDEX R 15 P

Low Viscosity Repair System and Renovation Coating for Application to Polyurethane Floors

HIGH PERFORMANCE, POLYURETHANE RESIN COATING, SUPPLIED AS THREE COMPONENTS IN PRE-MEASURED PACKS FOR EASE OF ON SITE MIXING AND USE. THE CURED SYSTEM FORMS A TOUGH, EASILY CLEANED, PIGMENTED LAYER ON EXISTING POLYURETHANE TOPPINGS.

Features

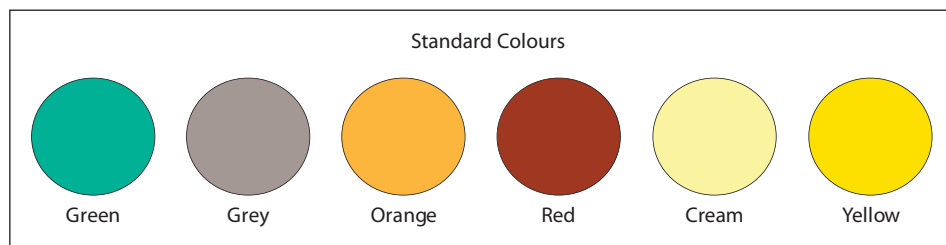
Hard wearing

Resistant to a wide range of chemicals and liquids

Suitable for use in food and drinks production environments

Seamless - easily cleaned to maintain high standards of hygiene

Available in a range of colours



Due to printing process, colours can only be approximate



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DESCRIPTION

ARDEX R 15 P is a solvent free, low viscosity repair material which may also be used as a coating for application to polyurethane floors, such as ARDEX R 80 P Heavy Duty Polyurethane Screed or ARDEX R 90 P Rake and Trowel Grade Heavy Duty Polyurethane Screed. Part A is a low viscosity white liquid. Part B is a low viscosity brown liquid. Part C is a pigmented powder.

ARDEX R 15 P can be used for repairs and applications where a thin coating is required to reduce texture or improve appearance and cleaning. ARDEX R 15 P is also suitable for application as a line marking paint on previously applied polyurethane floors, such as ARDEX R 80 P or ARDEX R 90 P.

SURFACE PREPARATION

All substrates must be clean and free from dust and loose particles. All traces of contaminants, such as oils, fats, greases, paint residues, chemicals, algae and other barriers to adhesion should be removed.

Good surface preparation is vital to ensure the successful application and performance of ARDEX R 15 P.

As ARDEX R 15 P is used on previously applied polyurethane floors, appropriate surface preparation techniques will depend on the condition of the floor. If the floor is less than 48 hours old the ARDEX R 15 P can be applied directly after any dust and contamination is removed. Older floors will require surface grinding or abrasion with a coarse nylon pad in combination with a strong alkali detergent.

MIXING

Pour the contents of Parts A and B into a small mixing bucket and mix using a small helical mixing paddle and electric drill for 30 seconds. Add Part C and mix thoroughly for 1 minute until a smooth consistency is achieved.

APPLICATION

The mixed material should be applied without delay to the prepared substrate using a brush, roller or rubber squeegee, depending on thickness and finish required. Roll in a scatter of ARDEX Fine Aggregate to give a slip resistant texture if required.

If used to reduce the texture of an existing floor surface, care should be taken to ensure the application is uniform and leaves the appropriate finish intended.

For repairs pour into cracks, topping up as necessary, or apply with a spatula for cracks up to 5mm, isolated areas up to 10mm wide.

For larger cracks/repairs mix in up to half volume of ARDEX Fine Aggregate. Once cured, overcoat with an application of neat ARDEX R 15 P.

LIMITATIONS

Only apply ARDEX R 15 P at temperatures above 5°C and where the atmospheric relative humidity (RH) is 90% or below. Do not apply when atmospheric condensation may occur before the ARDEX R 15 P is fully cured.

The working life is approximately 10 minutes. Multiple units may be mixed but do not mix more material than can be applied within the 10 minutes working time.

Attempting to use the ARDEX R 15 P more than 10 minutes after mixing will result in a patchy, variable finish.

CLEANING TOOLS

ARDEX R 15 P can be removed from tools and equipment by using ARDEX RTC Tool Cleaner immediately after use. Any hardened material will need to be removed mechanically.

PROPERTIES

The values shown are typical results obtained in the laboratory at 20°C. Actual performance values obtained on site may vary from those quoted.

Physical Properties	@ 20°C Approximately
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Working life	10mins
Light traffic	24hrs
Full traffic	48hrs
Full chemical cure	7 days
Bond strength	> 1.5N/mm ²

COLOURS

ARDEX R 15 P is available in six standard colours: green, grey, orange, red, cream and yellow. Other colours may be available to special order, subject to quantity and technical requirements.

ARDEX polyurethane floor systems are formulated to maximise the mechanical and chemical resistance properties, as a result of this, these types of systems are discoloured by ultraviolet light leading to a "yellowing effect". This yellowing effect is dependent upon the amount of UV exposure, both in terms of intensity and time, and is more noticeable with lighter colours.

CHEMICAL RESISTANCE

ARDEX R 15 P is resistant to a wide range of liquids and chemicals, for specific information please refer to the ARDEX Technical Services Department.

MAINTENANCE

For information on cleaning and maintenance regimes please refer to the Priming, Preparation, Cleaning and Maintenance for ARDEX Industrial Flooring Products leaflet.

COVERAGE

A 3.3kg pack of ARDEX R 15 P will yield 2.2 litres which will cover between 10 and 20m² dependent on the texture, applied thickness and substrate condition.

STORAGE AND SHELF LIFE

Store in dry conditions between 5°C and 30°C, protect from frost and direct sunlight. Storage life not less than 6 months in the original unopened packaging.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and by using, if necessary, a suitable barrier cream.

In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction to resin-based materials. Always wear gloves and eye/face protection as necessary.

Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL/SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with the local waste disposal authority regulations.

For further information please refer to the Safety data sheet.

DISCLAIMER:

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development program.

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