



ARDEX R 15 P

Repair System and Renovation Coating for Application to Polyurethane Floors

- High performance polyurethane resin coating.
- Three components system in pre-measured packs.
- Pigmented polyurethane coating to be applied on polyurethane-cement surfaces
- Easy to apply. Easy to clean.
- Hard wearing.
- Resistant to a wide range of chemicals and liquids.
- Suitable for use in food and drinks production environments, pharmaceutical.
- Seamless - easily cleaned to maintain high standards of hygiene.



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-cement floors. 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-cement floors, such as 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.

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.

Standard Colours



Green



Grey



Orange



Red



cream



Yellow

Due to printing process, colours can only be approximate.



TYPE 8

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Application:

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.

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 ARISIL 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 ARISIL fine aggregate. Once cured, overcoat with an application of neat ARDEX R15P.

Limitations

Only apply ARDEX R 15 P at temperatures between +10°C and +30°C or 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.

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.

Colour Stability

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.

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.

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.

Technical Data According to ARDEX Quality Standards

Components:	A: Liquid B: Liquid C: Powder
Consumption:	Approx. 180 - 330 g/m ²
Working time: (+20°C):	Approx. 10 min.
Light traffic:	Approx. 24 hours.
Full traffic:	Approx. 48 hours.
Full chemical cure:	7 days.
Bond strength:	> 1,5 N/mm ² .
Storage and Shelf Life	6 months in the original unopened packaging. Store in Storage: dry conditions between +5°C and +30°C, protect from frost and direct sunlight.