

INSTACEM P

Protective coating



INTRODUCTION

INSTACEM P is a high performance, acrylic based, hard wearing, copolymer protective coating for concrete. **INSTACEM P** is designed to enhance the appearance of and protect atmospherically exposed concrete structures from aggressive elements, weathering and rain. **INSTACEM P** is suitable for all types of concrete structures including those exposed to harsh marine environments. **INSTACEM P** is a component of the David Ball Group's **INSTACEM** system for concrete repair and protection.

USES

- External and internal decorative protection of both old and new structures.
- Protection of external walls, walks ways, balconies, bathrooms and floors.
- Coating of floors to form damp-proof membrane.

BENEFITS

- Excellent barrier to carbon dioxide, chlorides and water
- Vapour permeable allows moisture to escape from the concrete substrate
- Highly durability, abrasion resistant
- Over-bridging hairline cracks.
- Water based
- One or two coat application

DESCRIPTION

INSTACEM P is a two-part system of pre-blended powder and liquid. The powder is a fine blend of cement, quartz sand and fillers with workability and stabilising agents. The mixing liquid is a viscous acrylic dispersion.

APPEARANCE

INSTACEM P is a grey fine cementitious powder with mineral and quartz fillers with a separate white, viscous mix liquid.

YIELD

INSTACEM P should be applied in a one or two coat application at a rate of 0.2–0.4kgs per square metre depending on the condition of the surface to be treated.

MIXING INSTRUCTIONS

Place approximately 75% of the liquid component in a suitable mixing container, slowly add all the dry powder, mixing with a stirrer using either a pneumatic or electric power tool (1kw). Add further liquid to achieve the required consistency. For floor coatings this will require all the liquid component. If more liquid (for example, spray application on porous substrates) is required, please seek advice

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APPLICATION

Good surface preparation is essential. All substrates should be mechanically sound and free of surface contaminants. Rough areas and honeycombing should be level and made good prior to application of **INSTACEM P**. It is recommended that area to be made good should be done so with **INSTACEM REPAIR MORTAR**.

Prior to application, the area must be dry, clean, free from dust, lumps, grease and other contaminants. **INSTACEM P** can be applied by brush, roller or spray. If two applications are necessary it is recommended to allow 24 hours between the application of each coat.

CURING

It is essential that good practice is performed and maintained at every stage of the application process. **INSTACEM P** is fully cured after 7 days however it will take light foot traffic after 48 hours.

QUALITY ASSURANCE

INSTACEM P is a Quality Assured product produced to British Standard BS EN ISO 9001.

HEALTH AND SAFETY

INSTACEM P is alkaline and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing.

Gloves, goggles and dust masks should be worn. Splashes to eyes should be washed immediately and medical advice sought.

PACKAGING AND SHELF LIFE

INSTACEM P is packaged in 30kg units: 10 litres liquid component and 20kg powder component. For large projects liquid is supplied in 200litre drums.

Stored in a frost free, cool and dry environment. **INSTACEM P** has a shelf life of 12 months. Once frozen, the liquid component becomes unusable.

TOOL CLEANING

Tools should be cleaned with water before **INSTACEM P** hardens as the cured material is very hard to remove by machine.

Important Note

All specifications published by the company are as accurate as possible and serve as a guide. Coverage figures are approximate. Whilst the products are of guaranteed quality we cannot accept responsibility for work carried out with our products. Information and recommendations contained in our literature, or given by our employees or distributors and the use of the same are based upon experience and are given in good faith. We accept no liability for any loss or damage (including direct contingent or consequent loss of profit) arising in respect thereof.