

FAIRCURE WC

White pigmented concrete curing aid

BENEFITS

- Ready to use
- Can be easily applied with brush or spray
- Can be easily identified
- Does not form film
- Single coat application
- Replacement of water curing
- Cost effective
- Non-toxic and non-flammable
- Chloride free

DESCRIPTION

FAIRCURE WC is supplied as a white pigmented, non-staining, non-toxic aqueous solution. When applied to fresh concrete surfaces, it reacts with free lime and seals the pores, thus reducing the evaporation of water from the mix, which assists the curing process and increases durability. The white pigment allows for easy identification of applied surfaces. Only a single coat is required for complete curing, eliminating the need for water curing. **FAIRCURE WC** works through impregnation technology, so it does not need to be removed after application. After 24 hours of drying, the surface can be painted or covered with cement/gypsum plaster.

USES

FAIRCURE WC is a white pigmented curing compound solution that eliminates the need for water curing and allows for easy identification of applied structures. It helps the curing process by preventing evaporation, which aids in achieving strength and durability. It is suitable for large concrete surfaces such as floors, screeds, granolithic toppings, sloped slabs, vertical structures, and plastered surfaces.

PROPERTIES

Specific Gravity	1.100 ± 0.005
Moisture Loss	<0.55 kg/m ² (as per ASTM C 156)
Reflectance	>60% (as per ASTM E 1347)

APPLICATION

Surface Preparation

- **FAIRCURE WC** should be applied as quickly as possible to fresh concrete.
- Do not apply if bleeding water is present on the surface.
- Application should begin as soon as the concrete is free from surface water.

Application

- Stir **FAIRCURE WC** before use to ensure the dispersion of settled material.
- Apply in a continuous film using a high-volume low-pressure spray. The nozzle should be held approximately 450 mm from the concrete surface and sprayed evenly.
- After spraying, no further application of water or other materials is necessary to ensure continued curing.
- When used as a curing aid, apply to edges after forms are removed. Under conditions of excessive heat or drying wind, use polythene sheeting to cover the surface after applying **FAIRCURE WC**.

SPECIAL NOTES

- Do not dilute **FAIRCURE WC**.
- Do not use sprayers that have been used for silicones or release agents.
- When applying, ensure there are no dry spots to maintain homogeneous performance. Touch up where necessary.
- Applications under high-humidity conditions may produce a slippery film, which can be removed with clean water and a stiff-bristled broom.
- Protect metal, glass, wood, paint, and brick from contact with **FAIRCURE WC**. If **FAIRCURE WC** is accidentally applied to these surfaces, wash with clean water within 30 minutes.

PACKING & COVERAGE

FAIRCURE WC is supplied in 1, 10, 50, 100, and 200-litre carboys. It covers an area of 5 to 6 m² per litre with a single coat.

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SHELF LIFE & STORAGE

FAIRCURE WC has a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C and 35°C. The material must be kept in a shaded area and away from direct sunlight. Storage at higher temperatures or high humidity may reduce shelf life.

HEALTH & SAFETY

FAIRCURE WC is alkaline and non-toxic. Gloves must be worn, and goggles should be used for overhead applications to prevent contact with the eyes. Any splashes on the skin should be washed with water.

SPECIFICATION

FAIRCURE WC is a white pigmented concrete curing aid manufactured in compliance with ISO 9001, ISO 14001, and ISO 45001 (Occupational Health and Safety), certified by ISOQAR/UK. It is a non-staining, non-toxic aqueous solution for freshly cast concrete surfaces, with a specific gravity of 1.100 ± 0.005 , moisture loss $<0.55 \text{ kg/m}^2$ (as per ASTM C 156), reflectance $>60\%$ (as per ASTM E 1347), and coverage of 5 to 6 m^2 per litre, used in accordance with the guidelines of CHEMCORE.

QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO 14001 & ISO 45001 (Occupational Health and Safety) certified by ISOQAR/UK.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our quality control laboratory and technical experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

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