

Ucrete[®] TCCS

Heavy-duty colour stable encapsulation resin for enhanced aesthetics

DESCRIPTION

Ucrete TCCS is a three-component, heavy-duty encapsulation resin available in 12 light stable colours.

Ucrete TCCS is an integral part of the **Ucrete CS** flooring systems providing attractive, hygienic and slip-resistant floors.

It exhibits exceptional chemical and temperature resistance when used as part of a **Ucrete CS** floor.

Ucrete TCCS is not a floor coating.

ADVANTAGES

- Light stable and non-yellowing matt sheen finish
- Very low staining when in contact with a wide range of chemicals and food industry products
- Expert installation by fully trained licensed applicators
- Non-tainting after 5 hours, as tested by Campden Technology Ltd.
- Rapid curing allowing a rapid return to service

PACKAGING AND COLORS

Ucrete TCCS is supplied in 10.39 kg unit.

Ucrete TCCS is available in 12 light stable colours:

Blue, Cream, Green, Grey, Green/brown, Orange, Red, Yellow, Bright Yellow, Light Grey, Light Green, Light Blue

NON-TAINTING

Ucrete TCCS is non-tainting after 5 hours, as tested by Campden Technology Ltd. Food products should be kept out of the area during the installation process. Ensure adequate ventilation until returning the floor to service after 5 hours.

CHEMICAL RESISTANCE

Ucrete CS floors offer exceptional resistance to a wide range of chemical aggressors. For example, **Ucrete CS** is resistant to the following commonly encountered chemicals:

Acetic Acid, 50%: As spirit vinegar widely used in the food industry, indicative of resistance to vinegar, sauces, etc.

Concentrated Lactic Acid @ 60°C: Indicative of resistance to milk and dairy products.

Oleic Acid, 100% @ 60°C: Representative of the organic acids formed by oxidation of vegetable and animal fats widely encountered in the food industry.

Concentrated Citric Acid: As found in citrus fruits and representative of the wider range of fruit acids which can rapidly degrade other resin floors.

Nitric acid: as used in many CIP cleaning solutions. **Ucrete TCCS** is particularly resistant to the staining commonly encountered where these are used

Methanol, 100%: Representative of alcohols and the wider range of solvents used in the pharmaceutical industry.

Ucrete CS is also resistant to a wide range of mineral oils, salts and inorganic acids, extensive chemical resistance tables are available upon request.

Ucrete CS flooring is resistant to the staining or discolouration that occurs with other flooring systems when ex-posed to aggressive chemicals. Such staining is greatly reduced depending upon the standards of housekeeping employed.

APPLICATION TO UCRETE CS

One or two coats depending upon specification or more if a smoother, but less slip resistant, surface is required.

For best results, the site and material temperatures should be in the range 12–22°C. Minimum substrate temperature 10°C.

Do not apply when atmospheric condensation is occurring or likely to occur before full cure is attained, i.e., when the dew point is reached or when the ambient or substrate temperature is within 3°C of the dew point.

Mix with an electric drill and paddle and apply by squeegee and back roll. Avoid ponding. Follow application guidelines.

It is important to achieve the specified coverage rates if the required slip resistance is to be achieved.

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CURING

Prior to application of a subsequent coat, check that the surface is hard and tack-free. The recoating time is dependent upon humidity and temperature, but under normal conditions a second coat can be applied after 2 hours. The time between coats **must not exceed 48 hours**.

Normally, the floor can be returned to service after 5 hours.

CLEANING

Tools may be cleaned immediately after use using Xylene.

COVERAGE / YIELD

For applications in **Ucrete CS** systems

CS10:	15-25m ² /unit	0.4-0.6 kg/m ²
CS10AS:	15-25m ² /unit	0.4-0.6 kg/m ²
CS20:	10-15m ² /unit	0.7-0.9 kg/m ² R13 floor
CS20:	8-10m ² /unit	1.0-1.2 kg/m ² R12 floor
CS20AS:	10-15m ² /unit	0.7-0.9 kg/m ²
CS30:	8-10m ² /unit	1.0-1.2 kg/m ²

STORAGE

In covered warehouse conditions, above 5°C and below 30°C and out of direct sunlight. Materials must be raised off the floor and kept dry. Liquid components must be protected from frost.

DISPOSAL

Containers should be disposed of in accordance with local regulations.

HEALTH AND SAFETY

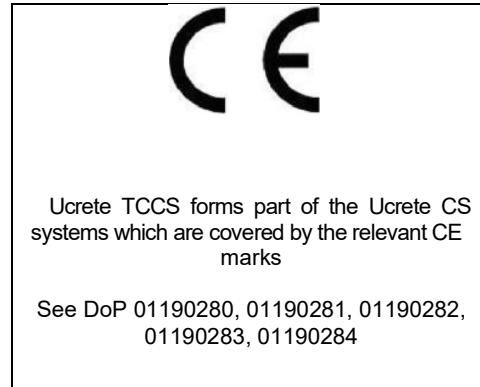
In its cured state Ucrete is physiologically non-hazardous.

For normal flooring applications Ucrete does not require the use of respiratory protective equipment during installation.

Operatives should consult the CoSHH risk assessment and their work instructions.

* Properties listed are based on laboratory controlled tests.

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