



The Chemical Company

UCRETE[®] TZ GROUT

Solvent Free Grout for use with Ucrete[®] TZ and TZ Anti-Static

Description of Product

UCRETE[®] TZ GROUT is a solvent free grout for application to UCRETE[®] TZ and TZ Anti-Static Industrial Flooring. Part 1 is a low viscosity white liquid. Part 2 is a low viscosity brown liquid. Part 3 is a pigmented powder.

Fields of Application

UCRETE[®] TZ GROUT is used to remove imperfections present in floors after the grinding process.

Features and Benefits

- Chemical and physical properties comparable to other UCRETE[®] Industrial Floors
- Environmentally friendly
 - no volatile solvents
 - non-tainting
- Safe
 - flash point above 220°C
 - non-flammable
 - no special requirements for transport or storage
- Easy application by roller or brush

Application Procedure

Substrate quality

All floors prior to grouting must be clean and free from dust and loose particles. All traces of contaminants, such as oils, fats, greases, paint residues, chemicals and algae should be removed.

Preparation of Substrate

As with all surface coatings, proper surface preparation is vital to ensure the successful application and performance of UCRETE[®] TZ GROUT.

It is essential that all grinding residue is removed from the floor surface is removed prior to grouting. This is either done by vacuum cleaner or washing depending if the grinding has been done wet or dry.

Mixing

Pour the contents of the Part 1 can and the Part 2 can into a 1.5litre polyethylene mixing pail and mix using a small Helical "Epi" type mixer operated at 1500 to 2000 rpm for 30 seconds.

When the Part 1 and Part 2 are uniform the Part 3 is added and mixed for 1-2 minutes. Ensure a lump free consistency is achieved.

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

Application

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

Apply the material with rubber trowel or squeegee ensuring the grout is worked well into the surface of the floor. Remove as much material from the floor surface as possible.

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Failure to work the grout into the surface will result in air pockets being formed below a skin of grout. This will leave pinholes in the surface after grinding.

Packaging

UCRETE[®] TZ GROUT is available in 6.16kg units (3 components)

Part 1 Plastic bottle	1.07kg
Part 2 Plastic bottle	1.09kg
Part 3 Plastic tub	4.00kg

Coverage

Coverage is influenced by intended use, substrate roughness, porosity and temperature. The following can be used as a guide.

	g/m ²	m ² /unit
Coverage	0.2 – 0.3	15-25

Curing

UCRETE[®] TZ GROUT should be allowed to cure for between 16 and 48 hours prior to grinding depending on temperature and humidity. Temperatures below 100C will significantly extend the cure time

Cleaning

Cleaning of plant and equipment should be undertaken well away from the application area. Xylene may be used to clean equipment, tools and spillages. In the case of spillages, excess material must first be absorbed onto sawdust or other disposable absorbent medium. Use correct handling procedures with solvents and take care to avoid any accidental spillage or splashes onto coated surfaces.

Part 2 containers may contain small amounts of unreacted diisocyanates (MDI). Therefore they must be decontaminated with a 5% solution of soda ash (sodium carbonate or washing soda) prior to disposal as building waste.

Storage

All parts of UCRETE[®] TZ GROUT should be stored under cover and free of the ground. Protect from all sources of moisture. Storage conditions should be dry, above 5°C and below 30°C.

Watchpoints

Appropriate health and safety advice can be found in the Material Safety Data Sheets.

Users are advised to wear gloves and eye protection when mixing and applying UCRETE[®] TZ GROUT.

Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

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Solvent Based Products

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg when spraying.

Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

Powder Products

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

Spillage

Chemical products can cause damage; clean spillage immediately.

Disclaimer

"BASF" (the Company) endeavour to ensure that advice and information given in Product Data Sheets, Method Statements and Material Safety Data Sheets (all known as Product Literature) is accurate and correct. However, the Company has no control over the selection of its products for particular applications.

It is important that any prospective customer, user or specifier, satisfies him/herself that the product is suitable for the specific application.

In this process, due regard should be taken of the nature and composition of the background/base and the ambient conditions both at the time of laying/applying/installing the material and when the completed work is to be brought into use.

Accordingly, no liability will be accepted by the Company for the selection, by others, of a product which is inappropriate to a particular application.

Products are sold subject to the Company's standard conditions of sale and all customers, users and specifiers, should ensure that they examine the Company's latest Product Literature.

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* Properties listed are based on laboratory controlled tests.

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