

Ucrete PRIMER RG

Heavy duty polyurethane primer for Ucrete RG

DESCRIPTION

Ucrete PRIMER RG is a non-solvent primer based on the Ucrete heavy duty polyurethane resin binder system. It is a thixotropic primer and pore filler for use with Ucrete RG render and coving grade.

FIELD OF APPLICATION

PRIMER RG is suitable for use on all substrates prior to the application of Ucrete RG.

PRIMER RG is not a flooring primer and must not be used with Ucrete flooring grades.

FEATURES AND BENEFITS

- Expert installation by fully trained licensed applicators
- Suitable for application on to 7 day old concrete and 3 day old polymer screeds and renders
- Suitable for porous and non porous substrates including concrete, brick, exterior grade plywood, mild steel and insulated wall panels
- Immediate application of Ucrete RG wet in wet for speed of application
- Long open time
- High temperature resistance for use in extreme environments.

AIR QUALITY

Ucrete has been awarded the Indoor Air Comfort Gold Label following extensive VOC emission chamber testing and auditing of quality management and production control procedures.

This demonstrates that Ucrete is an extremely clean product without any volatile compounds that might taint foodstuff or affect the well-being of personnel.

All Ucrete grades give very low emissions and conform to all the emissions requirements for indoor flooring systems in Europe including AgBB in Germany, Afsset in France, where they are rated A+ for VOC emissions (the cleanest rating), and M1 in Finland.

For further information please contact your local BASF Construction Chemicals representative.

APPLICATION PROCEDURE

SUBSTRATE QUALITY

Substrates will normally be concrete or polymer modified screeds. Other substrates may be suitable; consult your specialist applicator or local BASF Construction Chemicals office for advice.

Concrete and other cementitious substrates must be visibly dry and have average tensile (pull-off) strength of 1.5MPa. Ucrete may be applied to substrates of lower strength but the long term performance of the floor may be affected. All traces of contaminants, such as oils, fats, greases, paint residues, chemicals, algae and laitance must be removed.

PREPARATION OF SUBSTRATE

As with all surface coatings, proper surface preparation is vital to ensure the successful application and performance of Ucrete PRIMER RG.

Prepare the surface by vacuum shot blasting, concrete surface planer, grit blasting or surface grinding to produce a clean sound substrate with good profile suitable to receive a resin finish.

Cut anchor grooves around all free edges as detailed in the Design and Preparation of Substrates brochure.

MIXING AND APPLICATION

For best results, the site and material temperatures should be in the range 15–25°C. Minimum substrate temperature 5°C.

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

Mix with a low speed electric drill operated at 350 rpm and mixing head in a suitable container.

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 or overcoated within 1 hour.

The PRIMER RG is applied by brush and roller to wet out the surface of the substrate.

Use a stiff brush to apply into anchor grooves. Do not fill anchor grooves with PRIMER RG

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CLEANING AGENT

Tools may be cleaned immediately after use using Xylene.

CURING

Ucrete RG is normally applied immediately after the application of the PRIMER RG while the primer is still wet.

The open time of PRIMER RG is 1 hour at 20°C. Do not apply Ucrete RG after this time. If the open time of the primer is exceeded allow the primer to fully cure. Typically 16 hours at 20°C.

Once fully cured, reprime and apply Ucrete RG as normal.

If the time between coats exceeds 48 hours, or if condensation or water impacts the surface, fully abrade the surface. Reprime and apply Ucrete RG as normal.

COVERAGE

Coverage is greatly influenced by substrate texture and porosity as well as temperature and mixer efficiency. Typical coverage rates are:-

0.15 – 0.2 kg/m²
7 - 9 m² / unit

PACKAGING

Ucrete PRIMER RG is supplied in 1.43 kg working packs.

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

Part 2 containers should be decontaminated with 5% sodium carbonate (washing soda) solution after use and disposed of as building waste in accordance with local regulations.

WARNINGS AND PRECAUTIONS

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.

HANDLING AND TRANSPORT

Usual preventive measures for the handling of chemical products should be observed when using this product, for example do not eat, smoke or drink while working and wash hands when taking a break or when the job is completed.

Specific safety information referring the handling and transport of this product can be found in the Material Safety Data Sheet. For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

Disposal of product and its container should be carried out according to the local legislation in force. Responsibility for this lies with the final owner of the product.

CONTACT DETAILS

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Ucrete PRIMER RG forms part of the Ucrete RG system which conforms to the relevant CE mark.

Please refer to the relevant Declaration of Performance number 0113 0070 and the product and system data sheets.



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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.

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.

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 plc, Construction Chemicals" (the Company) endeavours 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/her-self 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.