Ucrete® PRIMER RG

Heavy Duty Polyurethane Primer for Ucrete RG

DESCRIPTION

Ucrete PRIMER RG is a solvent free 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.

FIELDS OF APPLICATION

Ucrete PRIMER RG is suitable for use on all substrates prior to the application of **Ucrete RG**. **Ucrete 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 350rpm 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 **Ucrete PRIMER RG** is applied by brush and roller to wet out the surface of the substrate.
Use a stiff brush to apply into anchor groves. Do not fill anchor grooves with **Ucrete 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 **Ucrete PRIMER RG** while the primer is still wet.
The open time of **Ucrete 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:-

0.15-0.2kg/m²
7.0-9.5m²/unit

Note : Above coverage rates do not include wastage.

PACKAGING

Ucrete PRIMER RG is supplied in 1.43kg working packs.

STORAGE

In covered warehouse conditions, above 5ºC and below 30ºC 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.

CE

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.

INDOOR AIR COMFORT eurofins GOLD CERTIFIED PRODUCT

HACCP INTERNATIONAL FOOD SAFETY PROGRAMME CERTIFICATION

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.

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