

Ucrete[®] Primer RG

Heavy duty polyurethane primer for Ucrete RG

DESCRIPTION

Ucrete Primer RG is 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.

RECOMMENDED USES

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.

ACCREDITATION

- Ucrete flooring systems are accredited for use in facilities operating HACCP based food safety systems.
- 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.
- All Ucrete grades give very low emissions and conform to all the emissions requirements for indoor flooring systems in Europe including AgBB in Germany, rated A+ for VOC emissions from Afsset in France and M1 in Finland.

APPLICATION

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 over coated 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 grooves. Do not fill anchor grooves with **Ucrete Primer RG**.

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 which takes typically about 16 hours at 20°C.

Once fully cured, re-prime 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. Re-prime and apply **Ucrete RG** as normal.

For information about application, please obtain a copy of the BASF **Ucrete Application Manual** from your local representative.



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Ucrete[®] Primer RG

ESTIMATING DATA

Coverage is greatly influenced by substrate texture and porosity as well as temperature and mixer efficiency.

Ucrete Primer RG should be installed at a consumption rate of 0.15 – 0.2 Kgs/m².

PACKAGING

Ucrete Primer RG is supplied as multi-component kit:

Ucrete Primer RG Part 1	0.56kg
Ucrete Primer RG Part 2	0.57kg
Ucrete Primer RG Part 3	0.30kg

PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF Safety Data Sheet (SDS) from our office or our website.

Ucrete-PrimerRG-ANZ-V2-0918

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.

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