

Ucrete Primer FS

Fast Slurry Primer for Ucrete Flooring Systems

PACKAGING

Ucrete Primer FS is supplied in 3 parts
Part 1: 6.24 lbs (2.83 kgs) plastic jug
Part 2: 6.31 lbs (2.86 kg) plastic jug
Part 3: 15.43 lbs (7 kg) bag

COLOR

Beige

STORAGE

In covered warehouse conditions, above 41 °F (5 °C) and below 86 °F (30 °C) and out of direct sunlight. Materials must be raised off the floor and kept dry. Liquid components must be protected from frost.

SHELF LIFE

1 year when properly stored

COVERAGE

60 - 200 sq/ft per kit

DESCRIPTION

Ucrete PRIMER FS is a rapid curing slurry primer applied by squeegee and trowel. It can be applied as a thin section primer (12 to 14 mils) or a scratch coat primer (60 to 80 mils) depending on substrate condition and Ucrete flooring grade selection.

Ucrete PRIMER FS is not a finished floor and must be overlaid by the appropriate Ucrete floor finish.

FEATURE AND BENEFITS

- Expert installation by fully trained applicators.
- Suitable for application on to 7 day old and 3-day old polymer screed.
- Allows application of suitable Ucrete flooring systems after approximately 6 hours at 41 °F (5 °C), 3 hours at 50 °F (10 °C) and 2 hours at 68 °F (20 °C).
- High temperature resistance for floors in extreme environments.
- Preferred choice in hygienic environment due to reduced surface defects from substrate air release

FIELDS OF APPLICATIONS

- Ucrete PRIMER FS is applied as a flowing slurry to prepared concrete substrates to completely seal the substrate prior to overlaying with Ucrete industrial flooring and provides a smooth even substrate.
- Ucrete PRIMER FS is the primer of choice for use with all Ucrete floors wherever speed of installation is important.

PERFORMANCE DATA

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.

NON-TAINTING

- Ucrete FS is non-solvent and non tainting from the end of mixing, as tested by the Campden BRI.

APPLICATION PROCEDURE

SUBSTRATE QUALITY

- Substrates will normally be concrete or polymer modified screeds. Other substrates may be suitable; consult your specialist applicator or local Master Builders Solutions office for advice.
- Concrete and other cementitious substrates must be visibly dry and have average tensile (pull-off) strength of 200 psi (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 FS.
- 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 59 - 77 °F (15 - 25 °C). Minimum substrate temperature 41 °F (5 °C).
- Do not apply when atmospheric condensation is occurring or likely to occur before overlaying, i.e., when the dew point is reached or when the ambient or substrate temperature is within 5°F (-15°C) of the dew point.
- Mix in a suitable sized vessel by electric drill with spiral mixing head. Mixing should be continuous to maintain a wet edge.
- The pot life is short, pour the mixed material immediately onto the floor and apply by squeegee with steel trowel for edgework. Work it well into the substrate in both directions to completely seal the floor.
- Do not pull too thin.
- When a saw cut for keyways is greater than 0.3 X 0.3 inches (8x8mm) it should not be completely sealed with Primer FS. Excess Primer FS should be brushed from keyway.

CURING

- Prior to application of a subsequent coat, check that the surface is hard and tackfree. The recoating time is dependent upon humidity and temperature, but typically Ucrete PRIMER FS can be overlaid:-
 - after 6 hours at 41 °F (5 °C)
 - after 3 hours at 50 - 59 °F (10 - 15 °C)
 - after 2 hours at 68-77 °F (20-25 °C)
- Defects in the primed surface, such as blow holes in the surface as a result of air rising out of bleed run pores in the substrate, should be remedied prior to overlaying, especially under Ucrete MF or Ucrete MF40AS. Failure to do so may lead to surface defects in the finished floor.
- If the time between coats exceeds 30 hours, or if condensation or water impacts the surface, fully abrade the surface prior to overlaying.

UCRETE TRAINED APPLICATORS

To achieve the best floor possible with a professional installation, you must use one of our fully trained Ucrete Applicators.

BIM OBJECTS

All Ucrete products have a dedicated BIM object available to download from Bimobject.

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.

CLEAN UP

Tools may be cleaned immediately after use using Xylene.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbscst@mbcc-group.com or calling +1 (800) 433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

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