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Ucrete® Primer FS

Heavy duty polyurethane fast slurry primer for Ucrete flooring systems

DESCRIPTION

Ucrete Primer FS is a rapid curing slurry primer applied by squeegee and trowel at a thickness of 0.3 to 1mm.

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

RECOMMENDED USES

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.

ACCREDITATION

- **Ucrete** has approval for use as flooring for HACCP accredited facilities.
- **Ucrete** conforms to The Leadership in Energy & Environmental Design Green Building Rating System LEED® being sustainable and environmentally friendly flooring materials.
- **Ucrete** floors have obtained the Indoor Air Comfort Gold certificate from Eurofins, with the low levels of emissions to the air and non-tainting properties.
- **Ucrete** complies with the U.S. Department of Agriculture (USDA) standards for use in federally inspected meat and poultry plants in the USA.



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 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 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 dew point is reached or when the ambient or substrate temperature is within 3°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; and with steel trowel for edgework. Work it well into the substrate in both directions to completely seal the floor. Do not pull too thin.

Ucrete[®] Primer FS

8 x 8mm anchor grooves under 4mm floors should be filled with **Ucrete Primer FS**. Do not fill larger anchor grooves with **Ucrete Primer FS** but ensure these are brushed out.

CURING

Prior to application of a subsequent coat, check that the surface is hard and tack-free. The recoating time is de-pendent upon humidity and temperature, but typically **Ucrete Primer FS** can be overlaid: -

- after 7 hours at 5°C
- after 4 hours at 10°C - 15°C
- after 3 hours at 20°C
- after 2 hours at 30°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 sur-face prior to overlaying.

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

ESTIMATING DATA

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

Ucrete Primer FS should be installed at a consumption rate of 0.6 to 2kg/m².

Typically, 0.6 kg/m² for a roll coat primer application and 1–1.5 kg/m² where otherwise a scratch coat primer is required.

PACKAGING

Ucrete Primer FS is supplied as multi-component kit:

Ucrete Primer FS Part 1	2.83kg
Ucrete Primer FS Part 2	2.86kg
Ucrete Primer FS Part 3	7kg

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.

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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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