



The Chemical Company

PRODUCT DATA

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Resinous  
Flooring

# UCRETE<sup>®</sup> DP TOPCOAT

Polyurethane-concrete topcoat

## Description

UCRETE<sup>®</sup> DP Topcoat is a four component, solvent free, heavy duty polyurethane resin technology. It is designed for use as a broadcast lock coat for the UCRETE HP flooring system. When used as part of the UCRETE HP system, it exhibits exceptional chemical and temperature resistance. UCRETE DP TOPCOAT is not intended for use as a floor coating.

## Yield

Approximately 45-55 ft<sup>2</sup> per kit

## Packaging

Part 1: 1 quart plastic jug  
Part 2: 1 quart plastic jug  
Part 3: Plastic bag  
Pigment Pack: Plastic sachet

## Colors

Available in red and gray

## Shelf Life

Part 1: 9 months  
Part 2: 1 year  
Part 3: 9 months  
Pigment: 2 years

## Storage

Store and transport in unopened containers in a clean, dry area at stable temperatures approximating 60 to 73° F (15 to 22.5° C).

## Features

- Exceptional chemical resistance
- Thermal stability
- Wide service temperature range

## Benefits

- Tolerates organic and inorganic acids, alkalis and salts
- Takes continuous hot water cleaning
- Exceeds temperature tolerance of typical epoxy overlays

## Where to use

As a component of the UCRETE HP system

### APPLICATION

- Where severe conditions exist—high impact pressure, thermal shock, and chemical exposure
- Where aesthetics are a consideration
- On severely damaged surfaces
- Wet conditions requiring a heavily textured slip resistant surface
- Where steam or hot water is required for cleaning
- Meat, poultry, and dairy plants
- Bottling facilities
- Pharmaceutical plants
- Commercial kitchens and restaurants
- Freezers and refrigerated storage areas
- Food packing and canning plants

## How to Apply

### Surface Preparation

The following is only a summary of the installation techniques used by your certified UCRETE contractors. Refer to the UCRETE Contractor Installation for more information on applying the UCRETE HP broadcast system and the UCRETE DP TOPCOAT.

Do not apply when atmospheric condensation is occurring or likely to occur before the UCRETE DP TOPCOAT cures fully. Ensure that the UCRETE HP system has cured a minimum of 8 hours. Ensure the surface has been swept, stoned and vacuumed to the desired profile prior to installing UCRETE DP TOPCOAT.

### Mixing

Mix the four components of UCRETE DP TOPCOAT together as supplied in the pre-measured containers using a mechanical mixer.

### Application

Apply this pigmented top coat by squeegee to lock in the aggregate and obtain the desired surface profile. It is important to apply the specified coverage rates to achieve the required slip resistance.

Back roll the material. Take care to avoid puddling of material in all areas.

One coat is adequate for most situations, but two or more coats can be applied if a smoother, less slip resistant surface is desired.

## Drying Time

Prior to application of a subsequent coat, ensure that the surface is hard and tack-free. The recoat time is dependent upon humidity and temperature. Under most conditions a second coat can be applied after 16 hours. The time between coats must not exceed 48 hours. Normally, full cure is reached after 24 hours, and can be returned to full service. Under cold, dry conditions this may be extended to 48 hours. Do not expose UCRETE HP/DP to any chemicals until fully cured. Allow 7 days for full chemical cure of this top coat.

## Maintenance:

Regular cleaning and maintenance will prolong the life of all polymer flooring systems, enhance their appearance, and reduce any tendency to retain dirt. UCRETE will withstand high-pressure or hot-water wash downs (2,500 psi [17.2 MPa] at 180° F [82°C]), along with a wide range of decontamination and degreasing materials.

## Cleaning agent

Tools may be cleaned immediately after use using Xylene.

## For Best Performance Composition

- Do not apply at temperatures below 50° F (10° C) or above 85° F (29° C) or if the relative humidity is above 85%.
- Variations in thickness will affect the system's thermal and impact resistance. Thicker systems will provide the highest level of thermal shock and impact resistance.
- Build coves and vertical surfaces with UCRETE WR. Contact BASF Technical Service for details.
- BASF representatives and flooring specialists are available to assist you in the selection of the proper flooring system. Call 1-800-243-6739 for in-house and field technical assistance.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-327-1570) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

## Health, Safety and Environmental

Read, understand and follow Material Safety Data Sheets and product labels for all components of this flooring system prior to use. The MSDS can be obtained by searching for them on [www.BuildingSystems.BASF.com](http://www.BuildingSystems.BASF.com), e-mailing your request to [basfbcsct@basf.com](mailto:basfbcsct@basf.com) or calling 800/433-9517. Use only as directed.

## BASF Corporation Building Systems

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