

MASTERTOP[®] 1210 CP

High-build solvent free epoxy coating system for traffic deck protection

Description

MASTERTOP[®] 1210 CP is a multi component solvent free epoxy coating system designed for application at thicknesses between 0.8mm-2.0mm on basement and ground floor car parks, or on intermediate traffic decks exhibiting little or no structural movement. MASTERTOP[®] 1210 CP is applied to produce a durable profiled finish.

Primary uses

MASTERTOP[®] 1210 CP has good wear and abrasion resistance and is suitable for use on many traffic deck applications.

It provides impermeable protection against vehicle related spillages such as common oils, greases, lubricants, aviation fuels or A.C fluid. In addition it offers good general chemical resistance, but as in all corrosive situations, a full analysis of operating and exposure conditions is required, followed by reference to chemical resistance data to ensure product suitability.

MASTERTOP[®] 1210 CP may used in the following applications:

NB This gives examples only and does not constitute a full and comprehensive list. For further information on application possibilities contact BASF Construction Chemicals UAE LLC.

- Car production and storage facilities.
- Aircraft hangars and maintenance areas.
- Car workshops
- Traffic decking
- Pedestrian walkways

Advantages

- Good wear and abrasion resistance.
- Easily applied.
- Profiled finish for slip resistance
- Good general chemical resistance.
- Limited maintenance.

Packaging

MASTERTOP[®] 1200 Plus Resin is supplied in 12.4kg units.

MASTERTOP[®] 1210 CP is supplied as a 26kg multi component pack (colour pack included).

MASTERTOP[®] SRA NO. 3 is available in 25kg units.

MASTERTOP[®] TC44 LM is supplied in 18 litre units.

Physical properties

Properties listed are only for guidance and are not a guarantee of performance

	25°C	40°C
Pot life	40 mins	22 mins
Curing time	15 hours	10 hours
Mixed density at 25°C	1.556	
Maximum service temp	60°C	
Flexural Strength (BS 6319 Part 3)	19.0N/mm ²	
Tensile Strength (BS 6319 Part 7)	15.0N/mm ²	
Slip resistance (TRL rubber)	85	
Bond strength	Greater than cohesive strength of concrete	

MASTERTOP[®] 1210 CP

Guide to application

Remove all surface laitance, oil, grease or any defective concrete that will reduce the bond of the MASTERTOP[®] 1210 CP to the substrate.

The surface over which the MASTERTOP[®] 1210 CP is to be laid must be flat and mechanically prepared.

Surface irregularities must be ground down or filled out with CONCRESE 2200 or repair materials from the EMACO range.

A light etch giving the texture of medium grit sand paper is the ideal surface profile for the application of MASTERTOP[®] 1210 CP, this can be achieved by light grit blasting, captive blasting or surface grinding.

After all preparation has been completed, ensure dust is removed from the surface preferably by vacuuming.

Application:

Prior to application MASTERTOP[®] 1210 CP should be stored under cover and protected from extremes of temperature, which will cause inconsistent workability, finish and cure times for the mixed material.

When working in cold conditions do not apply MASTERTOP[®] 1210 CP if the substrate or ambient temperature cannot be maintained above 12°C for at least 10 days from the start of application.

Sealing:

All concrete surfaces to be overlaid with MASTERTOP[®] 1210 CP must be sealed with a coat of MASTERTOP[®] 1200 PLUS resin with the addition of 0.5ltr of SOLVENT NO. 2. Add the

SOLVENT NO. 2 to the base and reactor components, after they have been decanted into the mixing container, then mix the base and reactor components together until all striations have disappeared. Apply the mixed material to the dry substrate at the rate of 6-8 m² / litre using a medium or short hair roller. Allow the sealer to become completely tack free before overcoating with MASTERTOP[®] 1210 CP.

Mixing / application:

Pour the reactor into the base container, add the colour pack and mix using a drill and spiral mixing head until all striations have disappeared and a uniform colour is obtained (for a minimum of 1 minute). Add the MASTERTOP[®] 1210 CP aggregate, whilst continuing to mix for a further 2 minutes or until it can be seen that the mixed material is lump free.

Application (at 800 microns):

Apply MASTERTOP[®] 1210 CP at a minimum coverage of 0.4 litres/m² (using a short hair roller or squeegee), whilst still wet broadcast aggregate MASTERTOP[®] SRA NO. 3 to saturation over the surface (allowing approximately 2kg/m²). Allow to cure 14-18 hours and sweep off excess aggregate. Apply a second coat of MASTERTOP[®] 1210 CP at a minimum of 0.3-0.45litres/m². Allow to cure for minimum 48 hours before allowing vehicle access.

Always wear spiked shoes when rolling the MASTERTOP[®] 1210 CP with a spiked roller.

MASTERTOP[®] TC44 LM may be applied once MASTERTOP[®] 1210 CP is tack free.



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MASTERTOP[®] 1210 CP

Yield

A 26kg unit will yield 16.71 litre of mixed material.

Equipment care

Remove uncured MASTERTOP[®] 1210 CP from tools and equipment using SOLVENT NO 2.

Storage

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction and protect from extremes of temperatures. In tropical climates the product must be stored in an air conditioned environment.

Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until products is fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use.

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management

system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

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As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

BASF Construction Chemicals UAE LLC

P.O. Box 37127, Dubai, UAE

Tel: +971 4 8090800

www.basf-cc.ae

Fax: +971 4 8851002

e-mail: marketingcc.mideast@basf.com



Certificate No.
963680



Certificate No.
945787



Certificate No.
772556

MASTERTOP[®] 1210 PLUS

Multi component solvent free epoxy floor coating system

Description

MASTERTOP[®] 1210 PLUS is a multi component solvent free epoxy floor coating system designed to offer continuous seamless floor protection at thicknesses between 0.8mm-1.5mm. MASTERTOP[®] 1210 PLUS may be applied to produce either a smooth or profiled finish.

Primary uses

MASTERTOP[®] 1210 PLUS has good wear and abrasion resistance and is suitable for use in many industrial applications. It can be used as a surface coating where a hygienic and high gloss appearance is required.

It provides impermeable protection against common oils, greases, lubricants, aviation fuels or oils such as Skydrol. In addition it offers good general chemical resistance, but as in all corrosive situations, a full analysis of operating and exposure conditions is required, followed by reference to chemical resistance data to ensure product suitability.

MASTERTOP[®] 1210 PLUS may be applied in the following industries

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- Industrial production facilities
- Light engineering workshops
- Aircraft hangars and maintenance areas.
- Warehouses

- Utility rooms and corridors
- Vehicle movement areas

Advantages

- Good wear and abrasion resistance.
- Easily applied.
- Smooth high gloss finish for hygienic applications.
- Good general chemical resistance.
- Limited maintenance.
- Durable

Packaging

MASTERTOP[®] 1210 PLUS is supplied as a 26kg multi component pack (including colour pack).

Typical physical properties

Properties listed are only for guidance and are not a guarantee of performance

Laboratory tests carried out at 25°C	
Pot life	40 mins.
Curing time	15 hours
Mixed density at 25°C	1.556
Mixed density with Solvent No. 2	
Maximum service temp	60°C
Flexural Strength (BS 6319 Part 3)	19.0N/mm ²
Tensile Strength (BS 6319 Part 7)	15.0N/mm ²
Slip resistance (TRL rubber) profiled surface	85

Guide to application

Remove all surface laitance, oil, grease or any defective concrete that will reduce the bond of the MASTERTOP[®] 1210 PLUS to the substrate.

The surface over which the MASTERTOP[®] 1210 PLUS is to be laid must be flat and suitably prepared.



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MASTERTOP[®] 1210 PLUS

Surface irregularities must be ground down or filled out with CONGRESIVE 2200 or repair materials from the EMACO range.

A light etch giving the texture of medium grit sand paper is the ideal surface profile for the application of MASTERTOP[®] 1210 PLUS, this can be achieved by light grit blasting, capture blasting or surface grinding. After all preparation has been completed, ensure dust is removed from the surface preferably by vacuuming.

Prior to application MASTERTOP[®] 1210 PLUS should be stored under cover in an air-conditioned environment and protected from extremes of temperature which may cause inconsistent workability, finish and cure times for the mixed material.

Sealing:

All porous concrete surfaces to be overlaid with MASTERTOP[®] 1210 PLUS must be sealed with a coat of MASTERTOP[®] 1200 PLUS resin with the addition of 0.5ltr of SOLVENT NO. 2. Add the SOLVENT NO. 2 to the base and reactor components, after they have been decanted into the mixing container, then mix the base and reactor components together until all striations have disappeared. Apply the mixed material to the dry substrate at the rate of 6-8 m² / ltr using a medium or short hair roller. Allow the sealer to become completely tack free before over-coating with MASTERTOP[®] 1210 PLUS.

Mixing:

Pour the reactor into the base container, add the colour pack and mix using a drill and spiral mixing

head until all striations have disappeared and a uniform colour is obtained (for a minimum of 1 minute). Add the MASTERTOP[®] 1210 PLUS aggregate, whilst continuing to mix for a further 2 minutes or until it can be seen that the mixed material is lump free.

Application:

To achieve a smooth finish at 0.5mm apply the MASTERTOP[®] 1210 PLUS, as a single coat with a notched trowel or similar. At thickness greater than 0.5mm, use pin screed, trowel or airless spray.

The coating should be rolled with a spike roller as soon as possible after application to achieve a uniform finish. The applied coating should be rolled a second time after 15-20 minutes. Continuous rolling does not harm the product while it is still fluid.

Always wear spiked shoes when rolling the MASTERTOP[®] 1210 PLUS with a spiked roller.

Yield

A 26kg unit will yield 16.71 litre of mixed material.

MASTERTOP[®] 1210 PLUS systems are supplied in preweighed packs which should not be split or divided. It is important to use complete packs.

Equipment care

Remove uncured MASTERTOP[®] 1210 PLUS from tools and equipment using SOLVENT NO 2.



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MASTERTOP[®] 1210 PLUS

Storage

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction and protect from extremes of temperatures. In tropical climates the product must be stored in an air conditioned environment.

Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until products is fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use.

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The Chemical Company

MASTERTOP[®] 1230 PLUS

Self smoothing solvent free, epoxy overlay system for concrete floors

Description

MASTERTOP[®] 1230 PLUS is a single-coloured, self smoothing, solvent free, epoxy overlay system designed to provide continuous protection for concrete floors at thicknesses of between 2.0-4.0mm. For greater thicknesses contact BASF Technical department. The cured material produces a dense, colourful, glossy surface.

The product has also been successfully applied to glazed and terrazzo tiles, steel and timber. For applications other than to concrete, please contact your BASF representative.

Primary uses

MASTERTOP[®] 1230 PLUS has excellent wear and abrasion resistance to floors subjected to high volume traffic.

The smooth, ultra-dense and high gloss finish is ideal for situations requiring a hygienic, easily cleaned surface.

The product offers good general resistance to a broad spectrum of chemical corrosives, but as in all cases of chemical exposure a full analysis of operating conditions is required, followed by reference to chemical resistance data, to ensure product suitability.

MASTERTOP[®] 1230 PLUS may be applied in the following industries

NB This gives examples only and does not constitute a full and comprehensive list. For further information on application possibilities contact BASF Construction Chemicals UAE LLC.

- Food production and processing

- Beverage production - including soft drink manufacturing.
- Pharmaceutical areas, laboratories, clean rooms
- Engineering workshops and assembly lines
- Showrooms, demonstration areas.
- Industrial and commercial cold kitchens.
- Retail
- Schools, hospitals and hotels

Advantages

- Excellent wear and abrasion resistance
- Easily applied
- Smooth high gloss finish for hygienic applications
- Easily cleaned
- Good general chemical resistance
- Colourful - improves the working environment

Packaging

MASTERTOP[®] 1230 PLUS is supplied as a 38kg multi component pack (including colour pack).

Hygiene

Taint tests carried out on MASTERTOP[®] 1230 PLUS at the Leatherhead Food Research Association under artificially severe conditions showed that the risks of tainting foodstuffs are minimal during and after complete cure.

MASTERTOP[®] 1230 PLUS

Typical physical properties

Properties listed are only for guidance and are not a guarantee of performance

Laboratory tests carried out at 25°C	
Pot Life	35 mins
Cure Time	15 hours
Compressive strength (ASTM C579-93)	
1 day	35 N/mm ²
3 days	60 N/mm ²
14 days	75 N/mm ²
Density of mixed material	1.79kg/m ³
Flexural strength (BS 6319 Part 3)	30 N/mm ²
Tensile strength (BS 6319 Part 7)	17 N/mm ²

Guide to application

Surface preparation:

The preferred method for surface preparation of concrete is captive blasting, which gives a well prepared laitance free, vacuum cleaned surface.

Prior to application MASTERTOP[®] 1230 PLUS should be stored under cover in an air-conditioned environment and protected from extremes of temperature which may cause inconsistent workability, finish and cure times for the mixed material.

Sealing:

Damaged or deeply pitted areas can be repaired and levelled using MASTERTOP[®] 1230 PLUS filled out, if required, with additional aggregate.

It is **essential** to seal the concrete surface prior to the application of MASTERTOP[®] 1230 PLUS, to prevent air from the substrate rising through the MASTERTOP[®] 1230 PLUS while it sets.

Seal the concrete with MASTERTOP[®] 1200 Resin diluted with 0.5 litres SOLVENT No. 2 (if required or permissible).

Pour the base and reactor components into a suitable mixing vessel, and add the SOLVENT No.

2. Using a slow speed drill and paddle, mix the components for a minimum of 1 minute, or until all striations have disappeared.

Apply the mixed sealer to the prepared dust free surface with a medium pile roller, at the rate of 6-8m² per litre depending on the surface profile of the concrete.

If the concrete is very absorbent, a single application may not be sufficient and a second coat may be required to ensure the surface is completely sealed.

Allow the sealer to become tack free before applying the MASTERTOP[®] 1230 PLUS.

Mixing:

Pour the reactor into the base, add the colour pack and, using a suitable drill and paddle, mix the components together until a uniform colour is achieved. Mixing should be for a minimum of one minute. Pour the mixed components into a suitable mixing vessel of 30 litre capacity.

With the mixer still running, slowly add the 1230 PLUS aggregate and mix for 2 minutes or until the mixture is smooth and free of lumps.

Always keep the mixing time the same for all batches, to ensure a uniform colour when the product is applied.

Laying:

Pour the mixed material onto the primed and sealed surface, and spread to the required thickness using a pin screed, notched trowel or steel float. As soon as the material has been spread to the required level, the applied material

MASTERTOP[®] 1230 PLUS

should be rolled with a spiked roller to release entrapped air and remove trowel marks.

Rolling should be continued until all air is released and a uniform colour is obtained.

The operator should always wear spiked shoes when using the spiked roller so that he can walk in the wet material.

Rolling should cease before the MASTERTOP[®] 1230 PLUS begins to gel.

Equipment

Vacuum recovery shot blasting machine	Scarifier (Errut / Von Arx)
Masking tape / polythene sheets	Grinder
Heaters for cold weather work	Overalls
Trowels	Lighting
Slow speed drill with suitable paddle	Spiked roller
Brushes or short nap hair rollers	Spiked shoes
Industrial vacuum	Pin screed

Equipment care

Remove MASTERTOP[®] 1230 PLUS from tools and equipment whilst still wet using SOLVENT No. 2. Cured resin will require mechanical removal.

Yield

A 38kg unit of MASTERTOP[®] 1230 PLUS will yield 21.19 litres of mixed material.

MASTERTOP[®] 1230 PLUS systems are supplied in preweighed packs which should not be split or divided. It is important to use complete packs.

Storage

Shelf life is up to one year when stored under cover, out of direct sunlight and protected from extremes of temperature.

Note

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Quality and care

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UCRETE[®] DP

Heavy Duty Polyurethane Screed with Defined Surface Profile

Unique HD Polyurethane resin technology with exceptional resistance to aggressive chemicals, heavy impact and temperatures up to 120°C

Description

UCRETE[®] DP is a family of products with defined surface profiles suitable for applications in wet and dry process environments.

The system offers a uniformity of surface texture with enhanced aesthetics so providing a safe and attractive working environment.

It is dense and impervious providing the ideal floor finish for applications in the food and beverage, pharmaceutical and chemical industries and wherever a robust long lived floor is required.

With three thickness specifications and three defined surface profiles available, UCRETE[®] DP is designed to meet a wide range of service and temperature requirements.

UCRETE[®] Industrial Flooring has been widely used throughout industry for more than 30 years, many of the older floors are still in service. A detailed project reference list is available upon request.

Packaging

UCRETE[®] DP is available in:

UCRETE [®] DP Basecoat B4	18.69kg
UCRETE [®] DP Basecoat B6	22.99kg
UCRETE [®] DP Basecoat B9	26.69kg
UCRETE [®] DP B9 Part 4	4.0kg
FILLER F5 / F20 F25	25kg
UCRETE [®] DP Topcoat	3.72kg
UCRETE [®] Colour Pack	0.4kg

Colours

UCRETE[®] DP is available in six standard colours:

Red Yellow Green Orange Grey Cream

UCRETE[®] floor systems have been formulated to provide the very highest chemical and heat resistance. As a direct result some yellowing of the installed floor will occur in areas of direct UV exposure. This is most apparent in lighter colours.

Typical physical properties

Properties listed are only for guidance and are not a guarantee of performance

Samples cured for 28 days at 20°C

Density (BS 6319 : Part 5)	2000-2090kg/m ³
Compressive strength (BS 6319 : Part 2)	48-58 MPa
Tensile strength (ISO R527)	5-7MPa
Flexural strength (ISO 178)	12-14MPa
Compressive modulus (BS 6319:Part 6)	3250-5000 MPa
Adhesive strength (BS 6319 : Part 4)	concrete failure
Thermal expansion (ASTM C531 : Part 4.05)	2-6 x 10 ⁻⁵ °C ⁻¹
Thermal conductivity (BS 874)	1.1 W/m. °C
Surface spread of flame (BS 476 : Part 7)	Class 2

Performance data

Slip Resistance

UCRETE[®] DP conforms to the HSE Guidance Sheet 156 and Food Sheet No.22, issued by the Health and Safety Executive, on slip resistance. The UCRETE[®] DP surface profiles have coefficient of friction as determined using the TRRL slip



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UCRETE® DP

resistance tester with 4S rubber on the wet floor as follows:

UCRETE® DP 10	50-60
UCRETE® DP 20	55-75
UCRETE® DP 30	60-80

The UCRETE® DP surface profiles conform to DIN 51130 as follows:

UCRETE® DP 10 R11
UCRETE® DP 20 R13 V4
UCRETE® DP 30 R13 V8

The extremely robust aggregates used to provide the texture of UCRETE® DP 20 and UCRETE® DP30 are designed to maintain optimum slip resistance for many years. Where there is heavy hard wheeled traffic it is recommended that UCRETE® DP30 is used. Optimum slip resistance can only be maintained with regular cleaning.

Temperature Resistance:

The UCRETE® DP resins do not start to soften until temperatures above 130°C are exceeded. 9 mm specifications are fully serviceable up to 120°C. Correctly installed UCRETE® DP at 9 mm thickness can withstand regular and routine discharges of boiling water, hot oils and fats.

Non Tainting:

The UCRETE® DP systems are solvent free and non tainting as tested by the Campden & Chorleywood Food Research Association.

Chemical resistance

UCRETE® DP offers exceptional resistance to a wide range of chemical aggressors. For example UCRETE® is resistant to the following commonly encountered chemicals.

Acetic acid, 50%: As spirit vinegar widely used in the food industry, indicative of resistance to vinegar, sauces, etc. All concentrations of Lactic Acid @ 60°C: Indicative of resistance to milk and dairy products. Oleic Acid, 100% @ 60°C: Representative of the organic acids formed by oxidation of vegetable and animal fats widely encountered in the food industry. Concentrated Citric Acid: As found in citrus fruits and representative of the wider range of fruit acids which can rapidly degrade other resin floors. Methanol, 100%: Representative of alcohols and the wider range of solvents used in the pharmaceutical industry.

UCRETE® DP is also resistant to a wide range of mineral oils, salts and inorganic acids, extensive chemical resistance tables are available upon request. Note: some staining or discolouration may occur with some chemicals depending upon the nature of the spillage and the standards of house keeping employed.

Impact Resistance:

With high mechanical strengths and a low elastic modulus, UCRETE® DP is very resilient and able to withstand severe impact loads. While no material is indestructible and surface chipping may occur, brittle modes of failure resulting in cracking and disbondment are unknown with UCRETE® floors

Cleaning & Hygiene:

UCRETE® DP is cleaned using industry standard cleaning chemicals and equipment. The use of a food industry standard scrubber drier machine is recommended.

Permeability:

UCRETE® DP exhibits zero absorption when tested to CP.BM2/67/2.



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UCRETE® DP

Substrate Moisture Tolerance:

UCRETE® Industrial Flooring is extremely tolerant to residual substrate moisture and can be installed directly onto 7 day old concrete, or onto old good quality concrete with high moisture contents without the use of special primers provided there is a functioning DPM within the structure. This enables rapid construction programmes to be maintained and facilitates refurbishment work in wet process areas. Epoxy surface DPMs should not be used as they soften under high temperature conditions and will lead to floor failure.

Specification

The UCRETE® DP system consists of three surface textures, 10, 20, and 30, which can be installed at thicknesses of 4, 6 or 9 mm depending upon the service conditions. The specifier should specify the grade and surface texture required, as UCRETE® DP 10, UCRETE® DP 20 or UCRETE® DP 30 and the required thickness.

For example:

The floor finish shall be UCRETE® DP 10/20/30 (*select depending upon required texture*), from BASF Construction Chemicals UAE LLC, PO Box 37127, Dubai, UAE installed at 4/6/9* mm (*select depending on service conditions*) installed in accordance with the manufacturers' instructions.

*A 4 mm UCRETE® DP floor is fully resistant to liquid spillage and discharge up to 60°C. *A 6 mm UCRETE® DP floor is fully resistant to liquid spillage and discharge up to 70°C and can be lightly steam cleaned.

*A 9 mm UCRETE® DP floor is fully resistant to high temperature spillage and discharge up to

120°C and is fully steam cleanable. In extreme thermal shock environments a well designed substrate of good quality concrete is essential.

Substrate quality

Concrete substrates should be visibly dry and have a minimum tensile strength of 1.5 MPa. Refer to the guide 'The Design & Preparation of Substrates for UCRETE® Industrial Flooring' All joints in the substrate concrete subject to movement should be reflected through the UCRETE® DP floor and sealed with a suitable sealant.

Storage

In covered warehouse conditions, above 5°C and below 30°C and out of direct sunlight. Materials must be raised off the floor and kept dry. Parts 1 & 2 must be protected from frost.

Application conditions

For best results materials, substrate and air temperature should be in the range 15-30°C. Whilst UCRETE® DP will cure out effectively over a wide range of temperatures the optimum appearance and profiles are most readily achieved under good site conditions Low temperatures will retard the setting and can impair the visual appearance of the floor. High temperatures will shorten the open time and can impair the appearance of the floor.

Curing

Normally, UCRETE® DP floors can be put into service within 24 hours even at 8°C.



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UCRETE[®] DP

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.

Cleaning

Regular cleaning and maintenance will enhance the life and appearance of any floor. UCRETE[®] DP is readily cleaned with industry standard cleaning chemicals and equipment. Please consult your local cleaning chemical or equipment supplier.

Note

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UCRETE[®] WR

Heavy duty polyurethane render for vertical surfaces

Description

UCRETE[®] WR is a three-part polyurethane render for covering vertical surfaces. It is designed for application by trowel at thicknesses of 3mm and above. UCRETE[®] WR should always be applied onto PRIMER GC or PRIMER TC, a solvent-free, two-component tack primer.

Uses

UCRETE[®] WR is used to form coves and skirtings and to protect plinths, drains, tank bases, sumps, effluent storage pits and other vertical surfaces.

Benefits

- Expert installation
 - Installed only by fully-trained applicators.
- Fast application
 - Can be laid on 7-day-old concrete / 3-day-old polymer screed.
 - Short curing times.
- Hygienic and safe
 - Non-tainting
 - Monolithic – minimises joints
 - Easy to clean
 - Non-dusting
- Long life
 - Resistant to almost all chemicals
 - Excellent wear and impact resistance
 - Resistant to temperatures -40°C to +120°C
- Proven track record
 - 25 years of project references

Packaging

UCRETE[®] WR is supplied as a 15.3kg multi-component:

Part 1: 1.01kg net weight.

Part 2: 1.09kg net weight.

Part 3: 12.8kg net weight.

Colour Pack: 0.4kg

Total pack size 15.3kg.

Colours

UCRETE[®] WR is available in six standard colours: Cream, Green, Grey, Orange, Red, Yellow

Other colours may be available to meet special requirements but will be subject to minimum order quantities and may require extended lead times.

Typical physical properties

Properties listed are only for guidance and are not a guarantee of performance

Density (BS 6319 Part 5)	2100kg/m ³
Compressive strength (BS 6319 Part 2)	45N/mm ²
Tensile strength (ISO R527)	7N/mm ²
Flexural strength (ISO 178)	10N/mm ²
Dynamic elastic modulus (ASTM C597-83)	18000N/mm ²
Adhesive strength to concrete (BS 6319 : Part 4)	concrete failure
Co-efficient of thermal expansion (ASTM C531 Part 4.05)	2.4 x 10 ⁻⁶ °C ⁻¹
Thermal conductivity (BS 874)	1.1W/m°C
Water absorption (CP.BM 2/67/2)	0ml
Surface spread of flame (BS 476 : Part 7)	Class 2

samples cured for 28 days at 20°C

UCRETE[®] WR

Application

Substrate quality:

Substrate will normally be concrete or polymer-modified screeds. Other substrates may be suitable, consult your specialist applicator or BASF Construction Chemicals office for advice.

All substrates must be clean and free from dust and loose particles. Concrete and other cementitious substrates must be visibly dry and have a minimum tensile (pull-off) strength of 1.5 N/mm². UCRETE[®] WR 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, should be removed.

Preparation of substrate:

As with all surface coatings, proper surface preparation is vital to ensure the successful application and performance of UCRETE[®] WR.

For practical reasons, coves are generally prepared by wire-brushing or grinding, whilst vertical surfaces may require abrasive blasting followed by vacuum cleaning to remove loose particles.

Mixing and application:

Full details of correct mixing and application procedures for both PRIMER TC and UCRETE[®] WR are given in the UCRETE[®] Application Manual which is available to licensed and specialist applicators only.

Curing:

The following table should be used as a guide at 15 - 25°C:

Operational	8 hours
Full traffic and chemical resistance	48 hours

Coverage

3mm: 7-8kg/m²

6mm: 12-13kg/m²

Not including cove radius.

Coverage is influenced by substrate roughness, porosity and temperature.

Chemical resistance

UCRETE[®] WR will resist spillages of:

- dilute and concentrated acids: hydrochloric, nitric, phosphoric and sulphuric
- dilute and concentrated alkalis, including sodium hydroxide to 50% concentration
- most dilute and concentrated organic acids
- fats, oils and sugars
- mineral oils, kerosene, gasoline and brake fluids
- most organic solvents

In many cases resistance is maintained to elevated temperatures even under thermal shock conditions. Temperature resistance is, however, dependent on thickness.

At 3mm a maximum service temperature of 60°C should be observed. This rises to 120°C at a thickness of 9mm.

Detailed information on chemical resistance is available from BASF Construction Chemicals.

Cleaning

Cleaning of plant and equipment should be undertaken well away from the application area. Xylene may be used to clean equipment, tools and spillages. In the case of spillages, excess material must first be absorbed onto sawdust or other disposable absorbent medium. Use correct handling procedures with solvents and take care

UCRETE[®] WR

to avoid any accidental spillage or splashes onto coated surfaces.

Part 2 containers may contain small amounts of unreacted diisocyanates (MDI). Therefore they must be decontaminated with a 5% solution of soda ash (sodium carbonate or washing soda) prior to disposal as building waste.

Maintenance

Regular cleaning and maintenance will prolong the life of all resin floors, enhance the appearance and reduce the tendency to retain dirt.

Specialised floor cleaning equipment and chemicals are ideally available and the suppliers are able to offer advice on appropriate cleaning regimes. Consult your specialist applicator or BASF Construction Chemicals office for advice.

Storage

All parts of PRIMER TC and UCRETE[®] WR should be stored under cover and free off the ground. Storage conditions should be dry, above 5°C and below 30°C. Part 1 of UCRETE[®] WR must not be allowed to freeze.

Health and safety

Appropriate health and safety advice can be found in the Material Safety Data Sheets.

Users are advised to wear gloves and eye protection when mixing and applying PRIMER TC and UCRETE[®] WR.

Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until products is fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use.

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

09/99 BASF_CC-UAE revised 08/2005

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As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

BASF Construction Chemicals UAE LLC

P.O. Box 37127, Dubai, UAE

Tel: +971 4 8090800

www.basf-cc.ae

Fax: +971 4 8851002

e-mail: marketingcc.mideast@basf.com



Certificate No.
963680



Certificate No.
945787



Certificate No.
772556



UCRETE[®] MF

Heavy Duty Polyurethane Floor Finish

DESCRIPTION OF PRODUCT

UCRETE MF is a unique HD Polyurethane resin floor with exceptional resistance to aggressive chemicals.

It provides a smooth protective floor finish suitable for applications in predominantly dry environments.

It is dense and impervious, providing the ideal floor finish for applications in the food, pharmaceutical and manufacturing industries including clean room, laboratory, packing hall and warehouse applications and wherever a robust, long lived floor is required.

UCRETE Industrial Flooring has been widely used throughout the industry for more than 40 years; many of the older floors are still in service. A detailed project reference list is available upon request

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.

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 representative.

TEMPERATURE RESISTANCE

A UCRETE MF floor is fully resistant to liquid spillage and discharge up to 70°C. Suitable for freezer temperatures down to -15°C.

NON TAINING

UCRETE MF is solvent free and non tainting from the end of mixing, as tested by the Campden Technology Ltd.

CHEMICAL RESISTANCE

UCRETE MF offers exceptional resistance to a wide range of chemical aggressors. For example UCRETE is resistant to spillages of the following commonly encountered classes of chemicals:

Most dilute and concentrated organic acids such as, Acetic Acid, Lactic Acid, Oleic Acid and Citric Acid as commonly found in the food industry,

Dilute and concentrated acids: hydrochloric, nitric, phosphoric and sulphuric.

Dilute and concentrated alkalis, including sodium hydroxide to 50% concentration

Animal fats and vegetable oils, sugars flavourings and essences.

Mineral oils, kerosene, gasoline and brake fluids

A wide range of organic solvents including Methanol, Xylene, Ethers and Chlorinated solvents

Note: some staining or discolouration may occur with some chemicals, depending upon the nature of the spillage and the standards of housekeeping employed.

Extensive chemical resistance tables are available in the separate data sheet 'A guide to the chemical resistance of UCRETE Flooring'.

For detailed information, please contact your local BASF Construction Chemicals office for guidance.

IMPACT RESISTANCE

With high mechanical strengths and a low elastic modulus, UCRETE MF is very resilient and able to withstand severe impact loads. While no material is indestructible and surface chipping may occur, brittle modes of failure resulting in cracking and disbondment are unknown with UCRETE floors.

UCRETE[®] MF

Heavy Duty Polyurethane Floor Finish

Typical Properties	
Density	1970 kg/m ³
Compressive strength (EN13892-2)	48 - 53 MPa
Tensile strength (BS6319 Part 7)	9 MPa
Flexural strength (EN13892-2)	18 - 21 MPa
Compressive modulus (BS 6319:Part 6)	3250 - 4000 MPa
Adhesive strength to concrete (EN13892-8)	concrete failure
Coefficient of thermal expansion (ASTM C531:Part 4.05)	3.6 x 10 ⁻⁵ °C ⁻¹
Fire Testing (EN13501: Part 1)	B _{FL} – S ₁

Note:- Samples cured for 28 days at 20 °C

SUBSTRATE MOISTURE TOLERANCE

UCRETE Industrial Flooring is extremely tolerant to residual substrate moisture and can be installed directly onto 7 day old concrete, or onto old good quality concretes with high moisture contents without the use of special primers, provided there is a functioning DPM within the structure.

This enables rapid construction programmes to be maintained and facilitates refurbishment work in wet process areas.

Epoxy surface DPMs should not be used as they soften under high temperature conditions and will lead to floor failure.

PERMEABILITY

UCRETE MF exhibits zero absorption when tested to CP.BM2/67/2.

CLEANING & HYGIENE

UCRETE flooring systems are accredited for use in facilities operating HACCP based food safety systems.

UCRETE DP is cleaned using industry standard cleaning chemicals and equipment. The use of a food industry standard scrubber drier machine is recommended.

Tests undertaken by Campden Technology Ltd on the removal of Acinetobacter Calcoaceticus concluded that the cleanability of UCRETE MF was comparable to stainless steel!

Regular cleaning and maintenance will enhance the life and appearance of any floor.

Detailed cleaning guidelines are available from your local BASF Construction Chemicals office.

SLIP RESISTANCE

The UCRETE MF floors have coefficient of friction as determined to EN13036 Part 4 with 4S rubber on the wet floor as follows:

UCRETE MF 35

The UCRETE MF surface profiles conform to DIN51130 as follows:

UCRETE MF R10 V -

Optimum slip resistance can only be maintained with regular cleaning.

COLOURS

UCRETE MF is available in eight standard colours:

Red	Yellow	Green	Orange
Grey	Cream	Blue	Green/Brown

UCRETE floor systems have been formulated to provide the very highest chemical and heat resistance. As a direct result, some yellowing of the installed floor will occur in areas of direct UV exposure. This is most apparent in lighter colours.

SPECIFICATION

The floor finish shall be MF, from BASF plc, Construction Chemicals of 19 Broad Ground Road, Redditch, Worcestershire, B98 8YP, installed at 4/6*mm in accordance with the manufacturer's instructions.

*(select as required)

UCRETE[®] MF

Heavy Duty Polyurethane Floor Finish

SUBSTRATE QUALITY

Concrete substrates should be visibly dry and have a minimum tensile strength of 1.5 MPa.

Refer to the guide 'The Design & Preparation of Substrates for UCRETE Industrial Flooring'

All joints in the substrate concrete subject to movement should be reflected through the UCRETE floor and sealed with a suitable sealant.

APPLICATION CONDITIONS

For best results materials, substrate and air temperature should be in the range 15–25°C. Whilst UCRETE MF will cure out effectively over a wide range of temperatures the optimum appearance is most readily achieved under good site conditions

Low temperatures will retard the setting and can impair the visual appearance of the floor.

High temperatures will shorten the open time and can impair the appearance of the floor.

Condensation and low temperatures can cause a white bloom on the surface.


COVERAGE

4mm: 8 - 10kg/m²

6mm: 12 - 14kg/m²

CURING

Normally UCRETE MF floors can be put into service within 24 hours.

	
BASF Construction Chemicals 19 Broad Ground Road Lakeside, Redditch Great Britain B98 8YP	
04	
01040061	
EN 13813:2002	
Synthetic resin screed material	
Reaction to fire:	B _{FL} – S ₁
Release of corrosive substances:	NPD
Water permeability:	NPD
Mechanical resistance:	NPD
Wear resistance:	AR0,5
Bond strength:	B>2,0
Impact resistance:	IR>4
Sound insulation:	NPD
Sound absorption:	NPD
Thermal resistance:	NPD
Chemical resistance:	NPD
Electrical resistance:	NPD



The Chemical Company

UCRETE[®] MF

Heavy Duty Polyurethane Floor Finish

STORAGE

In covered warehouse conditions, above 5°C and below 30°C 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.

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BASF plc, Construction Chemicals
Head Office
PO Box 4, Earl Road,
Cheadle Hulme,
Cheadle, Cheshire
SK8 6QG
Tel: +44 (0)161 485 6222
Fax: +44 (0)161 488 5220
www.basf-cc.co.uk

BASF plc, Construction Chemicals
Redditch Office
19 Broad Ground Road,
Lakeside, Redditch
Worcestershire
B98 8YP
Tel: +44 (0)1527 512255
Fax: +44 (0)1527 503576
www.basf-cc.co.uk

MASTER[®]
BUILDERS
SOLUTIONS



UCRETE® RG

Heavy Duty Polyurethane Render

DESCRIPTION OF PRODUCT

UCRETE RG is a unique HD Polyurethane thixotropic resin mortar with exceptional resistance to aggressive chemicals, heavy impact and temperatures up to 120°C.

UCRETE RG provides a robust render for vertical applications in wet and dry process environments. It is dense and impervious providing the ideal finish for applications in the food and beverage, pharmaceutical and chemical industries.

UCRETE Industrial Flooring has been widely used throughout industry for more than 40 years, many of the older floors are still in service. A detailed project reference list is available upon request

FIELDS OF APPLICATION

UCRETE RG is used to protect vertical surfaces including:

- Plinths
- Drains
- Secondary containment bunds
- Tank bases
- Sumps
- Effluent storage pits
- Coving and skirting

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
- Achieves full cure in only 48 hours (subject to temperature)
- Hygienic and non-tainting
- Solvent free
- Steam cleanable @ 9mm and above
- Rapid installation, up to 9mm in a single application

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 representative

PERFORMANCE DATA

NON TAINING

UCRETE RG is solvent free and non tainting from the end of mixing, as tested by the Campden Technology Ltd.

TEMPERATURE RESISTANCE

The UCRETE RG resins do not start to soften until temperatures above 130°C are exceeded. Specifications are available that are fully serviceable up to 130°C and resistant to occasional spillage up to 150°C.

Correctly installed, UCRETE RG can withstand regular and routine discharges of boiling water, hot oils and fats.

CHEMICAL RESISTANCE

UCRETE RG offers exceptional resistance to a wide range of chemical aggressors. For example it is resistant to the following commonly encountered chemicals:

- dilute and concentrated acids: hydrochloric, nitric, phosphoric and sulphuric
- dilute and concentrated alkalis, including sodium hydroxide to 50% concentration
- most dilute and concentrated organic acids
- fats, oils and sugars
- cleaning chemicals and sanitizing agents
- mineral oils, kerosene, gasoline and brake fluids
- most organic solvents

Extensive chemical resistance tables are available in the separate data sheet 'A guide to the chemical resistance of UCRETE Flooring'.

Note: some staining or discolouration may occur with some chemicals depending upon the nature of the spillage and the standards of house keeping employed.

UCRETE[®] RG

Heavy Duty Polyurethane Render

Typical Properties	
Density	2090 kg/m ³
Compressive strength (EN13892-2)	47 - 52 MPa
Tensile strength (BS6319 Part 7)	7 MPa
Flexural strength (EN13892-2)	15 MPa
Abrasion resistance (EN5470-1) Taber H22 wheel, 1000 cycles	126 mg
Adhesive strength to concrete (EN13892-8)	concrete failure
Fire Testing (EN13501: Part 1)	B _{FL} – S ₁

Note:- Samples cured for 28 days at 20 °C

IMPACT RESISTANCE

With high mechanical strengths and a low elastic modulus, UCRETE RG is very resilient and able to withstand severe impact loads. While no material is indestructible and surface chipping may occur, brittle modes of failure resulting in cracking and disbondment are unknown with UCRETE.

SUBSTRATE MOISTURE TOLERANCE

UCRETE Industrial Flooring is extremely tolerant to residual substrate moisture and can be installed directly onto 7 day old concrete, or onto old good quality concretes with high moisture contents without the use of special primers, provided there is a functioning DPM within the structure.

This enables rapid construction programmes to be maintained and facilitates refurbishment work in wet process areas.

Epoxy surface DPMs should not be used as they soften under high temperature conditions and will lead to floor failure.

PERMEABILITY

UCRETE RG exhibits zero absorption when tested to CP.BM2/67/2.

CLEANING AND HYGIENE

UCRETE flooring systems are accredited for use in facilities operating HACCP based food safety systems.

Regular cleaning and maintenance will enhance the life of any finish, retain the appearance and reduce the tendency to retain dirt.

COLOURS

UCRETE RG is available in eight standard colours:

Red	Yellow	Green	Orange
Grey	Cream	Blue	Green/Brown

UCRETE floor systems have been formulated to provide the very highest chemical and heat resistance. As a direct result some yellowing of the installed floor will occur in areas of direct UV exposure. This is most apparent in lighter colours.

SPecification

The coving/lining/finish* shall be UCRETE RG from BASF plc, Construction Chemicals, of 19 Broad Ground Road, Redditch, Worcestershire, B98 8YP installed at 4/6/9*mm in accordance with the manufacturers' instructions.

*(select as required)

*A 4mm UCRETE RG lining is fully resistant to liquid spillage and discharge up to 70°C

*A 6mm UCRETE RG lining is fully resistant to liquid spillage and discharge up to 80°C and can be lightly steam cleaned.

*A 9mm UCRETE RG lining is fully resistant to high temperature spillage and discharge up to 120°C and is fully steam cleanable.

Where long term contact with chemicals will occur, when lining drains and sumps, for example, a minimum thickness of 6mm should be used

In extreme thermal shock environments a well designed substrate of good quality concrete is essential.

UCRETE[®] RG

Heavy Duty Polyurethane Render

SUBSTRATE QUALITY

Concrete substrates should be visibly dry and have a minimum tensile strength of 1.5 MPa.

Refer to the guide 'The Design & Preparation of Substrates for UCRETE Industrial Flooring'

All joints in the substrate concrete subject to movement should be reflected through the UCRETE lining and sealed with a suitable sealant

COVERAGE

4mm: 8 - 9 kg/m²

6mm: 12 - 13 kg/m²

9mm: 18 - 20 kg/m²

CURING

Normally UCRETE RG can be put into service within 24 hours even at 8°C. Full chemical cure is achieved at 48 hours.

STORAGE

In covered warehouse conditions, above 5°C and below 30°C 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.

	
BASF Construction Chemicals 19 Broad Ground Road Lakeside, Redditch Great Britain B98 8YP	
13	
01130070	
EN 1504-2: 2004	
Synthetic resin coating system for chemical resistance	
Reaction to fire:	B _{FL} – S ₁
Abrasion resistance:	Pass
Resistance to severe chemical attack:	Class II Class I for amines
Adhesion strength:	B>2,0
Impact resistance:	Class I

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UCRETE[®] UD200

Heavy duty polyurethane concrete flooring system

DESCRIPTION

Ucrete UD200 is a single layer, seamless, solvent-free, polyurethane flooring system. It has a textured matt finish possessing a wide spectrum of chemical resistance; withstands abrasive wear; has high impact resistance and withstands direct steam impact.

RECOMMENDED FOR

Ucrete UD200 is recommended for conditions requiring the maximum of chemical resistance, health and safety and where thermal situations arise, from cool rooms to hot environments.

Specific applications include:

- meat, fish and poultry processing
- food and beverage production
- dairies, cheese and milk products
- cold rooms, chillers and freezers
- pharmaceutical production
- chemical plants

FEATURES AND BENEFITS

Expert application	Installed only by trained and approved specialist contractors.
Fast application/rapid access	Can be applied to 6-day-old concrete or 2 day old polymer screeds. Short curing time and 8 hour access to foot traffic; 24 hours for vehicles.
Hygienic/safe	Slip resistant, non-tainting, non-dusting, monolithic (minimum joints), easy to maintain, microbiologically inert.
Durable/long life	Wide chemical resistance, wear and impact resistant, resists temperatures from -40°C to 120°C at 9 mm thickness; 25 years of international use.
Prepacked	Preweighed/ prepacked for immediate use; batch to-batch colour matched for consistency.

TYPICAL PERFORMANCE DATA

(After 28 days @ 20°C)

Compressive Strength (BS6319:Part 2)	: 58 MPa
Flexural Strength (ISO178)	: 14 MPa
Dynamic E-Modulus (ASTM C597-83)	: 19.5 GPa
Tensile Strength (ISO R527)	: 6 MPa
Concrete Adhesion (BS6319:Part2)	: concrete fails
Abrasion Resistance (Taber H22)	: 1390mg
Coeff. Thermal Expansion (ASTM C531)	: $2.4 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$
Thermal Conductivity (BS874)	: 1.1W/m°C
Surface Resistivity (BS2050)	: $3 \times 10^{-4} \text{ ohms}$
Density (BS6319:Part 5)	: 2090 kg/m ³
Water Adsorption (CP.BM 2/67/2)	: 0 mL
Surface Spread of Flame (BS476:Part 7)	: Class 2

PROPERTIES

Colours	:	Yellow ~	RAL 1004
		Cream ~	RAL 1014
		Orange ~	RAL 2010
		Red ~	RAL 3001
		Green ~	RAL 6010
		Grey ~	RAL 7037
Thickness	:	4 to 9 mm.	
Service temperatures:			
at 9 mm			
at 4 mm	:	120°C maximum & - 40°C	
	:	60°C maximum & - 15°C	

APPLICATION

Surface Preparation

Concrete shall be clean, structurally sound and free from foreign materials, contaminants, oily products and other debris. Concrete surfaces shall be 'visibly dry' with no standing water. The minimum tensile (pull-off) strength shall be 1.5N/mm² and concrete shall have cured for at least 5 days. Concrete substrates shall incorporate a continuous waterproofing membrane.

Concrete design shall allow provisions for movement joints, as required. In addition, provision shall be made for induced joints to allow any shrinkage of the concrete to occur along defined planes.

All laitance shall be removed. All imperfections such as holes and cracks shall be repaired and levelled with the mean level of the surface. For repairing surface unevenness, **EMACO[®]** concrete repair systems shall be used.

The whole surface shall be enclosed or impact shot blasted, surface planed, ground or high-pressure water jetted. All high spots shall be removed. Surfaces shall be rendered 'visibly dry' by heat or mechanical means.

Remove all loose material and dust by vacuum or mechanical means.

Priming

Ucrete UD200 shall be applied to a cured scratch coat of **Ucrete MF** of 1 mm nominal thickness.

Placing

Ucrete UD200 shall be mixed and applied only by specialist flooring contractors who have been trained in the correct application procedures.

CURING

At 30°C, foot traffic access in 8 hours; vehicular traffic in 16 hours. At 20°C, foot traffic access in 12 hours; vehicular traffic in 24 hours.



The Chemical Company

UCRETE[®] UD200

CLEANING

Regular cleaning, dry or wet mechanical scrubbing or hot flushing with detergents or detergent/sterilant product will enhance the floor's appearance and reduce soiling tendencies. Direct steam cleaning is suitable for floors applied at more than 8mm thickness.

ESTIMATING DATA

2.45 to 2.50 kg/m²/mm thickness

PACKAGING

Ucrete UD200 is supplied as complete units for immediate use, consisting of:

Ucrete UD200 Part 1 for AP*	:	2.83 kg
Ucrete UD200 Part 2 for AP*	:	2.86 kg
Ucrete UD200 Part 3 for AP*	:	24 kg

* Asia Pacific Region

SHELF LIFE

Ucrete UD 200 can be kept for 12 months from date of manufacture if stored above ground level in original unopened packing under cover, avoiding direct sunlight impingement and at 30°C or less.

PRECAUTIONS

Material Safety Data Sheets (MSDS) for each component of Ucrete UD200 are available. Gloves and eye protection shall be worn during mixing and application.

For detailed Health, Safety and Environmental recommendation, please consult and follow instructions on the product Material Safety Data Sheet.

All BASF Construction Chemicals Australia & New Zealand data sheets are updated on a regular basis, it is the user's responsibility to obtain the most recent issue **AUcUD200/6/0906**

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** 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 Construction Chemicals** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

BASF Construction Chemicals Australia Pty Ltd Incorporated in NSW A.B.N. 46 000 450 288 Head Office: 11 Stanton Road Seven Hills, NSW 2147 Ph. (02) 8811 4200	Newcastle (02) 4961 3819 Canberra (02) 6280 6010 Brisbane (07) 3633 9900 Townsville (07) 4774 7344 Melbourne (03) 9567 7300	Adelaide (08) 8139 7500 Perth (08) 9366 2600 Darwin (08) 8984 3269 Kalgoorlie 0417 772 355
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BASF Construction Chemicals New Zealand Ltd Head Office: 45 William Pickering Drive, Albany, Auckland Ph: (09) 414 7233
BASF WEB SITES www.basf-cc.com.au www.basf-cc.co.nz www.basf-ugc.com