



CREETY TI

PRODUCT DESCRIPTION		It is a urethane resin-based coating, modified with cement, featuring a smooth matte finish. It has antibacterial properties and provides excellent resistance to abrasion, chemical agents, and thermal variations.					
RECOMMENDED USE		Developed to meet the requirements of various industrial sectors, the coating is recommended for applications in food, beverage, pharmaceutical, chemical, textile, and other industries, as well as for the refurbishment of existing coatings. The product offers excellent resistance to abrasion, chemical agents, and thermal cycling, ensuring high durability even under severe operating conditions. It features a smooth matte finish, is solvent-free, and waterproof. It can be applied to concrete cured for 10 to 12 days, provided that the surface moisture content does not exceed 7.0%. In addition, it allows for rapid return to service and is suitable for both indoor and outdoor applications.					
CERTIFICATIONS AND APPROVALS		Complies with ASTM G-21 standard: antimicrobial function. When supplied to comply with the ROHS Directive (Restriction of Certain Hazardous Substances), this product includes the letter R in its nomenclature description.					
PACKAGING	Component A	Package containing 7.94 lbm.					
	Component B	Package containing 7.94lbm.					
	Component C	Package containing 15.87 lbm					
CHARACTERISTICS		Color	Blue. Beige. Gray. Green. Red.				
		Gloss	Matte				
		Volume Solids	80 ± 2% (ISO 3233)				
		Dry Film Thickness	19.7 mils - 39.4 mils				
		Theoretical Coverage	~0.31 (lb/ft²/coat)				
		Note	The stated consumption values are theoretical, based on a 29.5 mil film thickness and excluding any application losses.				
DRYING		Drying	77 °F				
		Light traffic	8 - 12 hours				
		Heavy traffic	24 hours				
		Full drying	7 days				
PHYSICOCHEMICAL CHARACTERISTICS		Adhesion (ASTM D 4541)	# 1.5 MPa (7 days)				
		Taber Abrasion Resistance H-18 (ASTM D 4060)	0.09 (g) / 1,000 CYCLES				

PRODUCT	CONCENTRATION (%)	TEMPERATURE	GRADUATION	PRODUCT	CONCENTRATION (%)	TEMPERATURE	GRADUATION
ACETALDEHYDE	100%	71.6 °F	R	CHLOROFORM	100%	71.6 °F	L

ETHYL ACETATE	100%	71.6 °F	L	AVIATION FUEL	-	71.6 °F	R
ACETONE	100%	71.6 °F	R	STYRENE	100%	71.6 °F	R
ACETIC ACID	10%	68/185 °F	R	ETHANOL	100%	71.6 °F	R
BENZOIC ACID	100%	71.6 °F	R	ETHYLENE GLYCOL	100%	71.6 °F	R
CITRIC ACID	60%	71.6 °F	R	BRAKE FLUID	-	71.6 °F	R
HYDROCHLORIC ACID	20/35 %	68/140 °F	R	GASOLINE	-	71.6 °F	R
HYDROFLUORIC ACID	4%	71.6 °F	R	FATS	-	167 °F	R
HYDROFLUORIC ACID	20%	71.6 °F	L	AMMONIUM HYDROXIDE	28%	71.6 °F	R
FORMIC ACID	40/70 %	71.6 °F	R	POTASSIUM HYDROXIDE	50%	71.6 °F	R
FORMIC ACID	90%	71.6 °F	L	SODIUM HYDROXIDE	50%	140 °F	R
PHOSPHORIC ACID	50%	71.6 °F	R	SODIUM HYDROXIDE	50%	194 °F	L
LACTIC ACID	85%	140 °F	R	MILK	-	71.6 °F	R
NITRIC ACID	65%	71.6 °F	L	METHANOL	100%	71.6 °F	R
SULFURIC ACID	98%	71.6 °F	L	METHYL ETHYL KETONE	100%	71.6 °F	L
HYDROGEN PEROXIDE	30%	71.6 °F	R	ENGINE OIL	-	71.6 °F	R
BLEACH	SATURATED	71.6 °F	R	PARAFFIN	-	71.6 °F	R
TURPENTINE	-	71.6 °F	R	PETROLEUM	-	71.6 °F	R
ISOPROPYL ALCOHOL	100%	71.6 °F	R	PROPYLENE GLYCOL	100%	71.6 °F	R
BENZENE	100%	71.6 °F	L	KEROSENE	-	71.6 °F	R
BUTANOL	100%	71.6 °F	R	TOLUENE	100%	71.6 °F	R
BEER	-	71.6 °F	R	XYLENE	100%	71.6 °F	R
CALCIUM CHLORIDE	50%	71.6 °F	R				
				Graduation: R - Resistant L - Limited resistance			
For more details regarding chemical resistance, consult WEG's technical department.							

SURFACE PREPARATION

Standard Surface Preparation

The performance of this product is related to the degree of surface preparation. In case of doubts, for more information, consult WEG's Technical Department.

The substrate must be properly cured and structurally sound. Prior to application, the upward water vapor pressure of the substrate shall be evaluated in accordance with ASTM D4263.

All release agents, cement laitance, grease stains, oil, lubricants, dust, and any other contaminants that may have penetrated or accumulated on the surface to be coated must be completely removed. Surface preparation shall comply with CSP 2-3 requirements.

For additional information, contact the WEG Technical Department.

Product Preparation

Primer:

For substrate priming, apply W-POXI VARNISH HSS 30 in accordance with its technical specification.

Topcoat / Finish Coat:

Mixing Procedure (ambient and material temperature between 50 °F and 86 °F)

The product shall be mixed using suitable mechanical equipment, such as a helical mixer or a drill equipped with a mixing paddle, following the procedure below:

Thoroughly homogenize Component A before starting the mixing process.

With Component A in the mixing container, add Component B and mix using a low-speed mechanical mixer (300-450 rpm) for 30 seconds.

Add Component C and continue mixing for 1 minute and 30 seconds.

Ensure that the mixture is completely homogeneous. If necessary, use a spatula to scrape the sides and bottom of the container to incorporate any unmixed material.

The mixture pot life decreases as the ambient temperature increases.

APPLICATION PREPARATION

Mixing	After thoroughly mixing the three components (A, B, and C), pour the product onto the substrate and proceed immediately with the application.
Thinner	Not applicable.
Dilution	Ready to use.
Pot Life	8 min The shelf life of the mixture is reduced as the ambient temperature increases. The pot-life test of the mixture is carried out according to ABNT NBR 15742; however, different volumes of paint prepared at once, combined with varying ambient and paint temperatures, will affect the mixture's shelf life, potentially resulting in outcomes different from those stated in this technical bulletin.

APPLICATION METHODS

Roller	Using a brush or a short-nap wool roller, spread the product evenly over the entire surface, ensuring the formation of a continuous and uniform film.
Squeegee, Spatula and Trowel	Using a 0.08 in. notched squeegee or notched trowel, spread the product evenly over the entire surface. Then, pass a spike roller in crosswise directions to improve leveling and remove any entrapped air from the coating.
Cleaning of the equipments:	Not applicable.
Notes	Hi.

APPLICATION PERFORMANCE

Use protective gloves, protective clothing, eye protection, and face protection during product handling and application.

Empty containers and materials containing product residues must be disposed of in accordance with applicable regulations. Proper disposal of all waste generated during application is essential to protect the environment.

Do not apply the product if the substrate, ambient conditions, or components are below 50 °F or above 86 °F.

During application, avoid direct sunlight exposure and strong winds, as these conditions may affect the performance and final appearance of the coating.

Over time, variations in the product color shade may occur due to its aromatic characteristics, particularly in outdoor applications exposed to direct sunlight.

Do not apply the product when the relative humidity exceeds 85%.

SAFETY PRECAUTIONS

Product developed for industrial use intended for handling by qualified professionals. Carefully read all information contained in the SDS of this product, available at: www.weg.net.

Store in a covered and well-ventilated place. Keep the container tightly closed and away from sources of heat or ignition.

Use only in well-ventilated areas, avoiding the accumulation of flammable vapors. Keep the product away from heat and sources of ignition.

Do not inhale mists/vapors/aerosols generated during handling and/or application. Use protective gloves/protective clothing/eye protection/face protection.

Empty containers and materials with paint residues must be disposed of according to current legislation. Take care of the environment.

NOTE

The information contained in this technical bulletin is based on the experience and knowledge acquired in the field by WEG's technical team.

In the event of using the product without prior consultation with WEG regarding its suitability for the purpose for which the customer intends to use it, the customer acknowledges that the use will be at



their own exclusive responsibility, and WEG is not liable for the behavior, safety, suitability, or durability of the product.

Some information mentioned in this bulletin is only an estimate and may vary due to factors beyond the manufacturer's control. Therefore, WEG does not guarantee and assumes no responsibility for performance, efficiency, or any material or personal damages resulting from the incorrect use of the products in question or from the information contained in this Technical Bulletin.

The information contained in this technical bulletin is subject to periodic modifications, without prior notice, due to our policy of continuous improvement and evolution of our products and services, providing quality solutions to meet the needs of our customers.
