

Uniflex™ Acrylic Rust Inhibitive Metal Primer

36-520 White



CHARACTERISTICS

Uniflex™ Acrylic Rust Inhibitive Primer White is a waterborne, acrylic emulsion, adhesion-promoting bonding primer. This product offers good adhesion to difficult surfaces including pre-finished metal roofing containing Fluorocarbon (Kynar®), or other hard, slick glossy surfaces, and previously painted surfaces.

For use on these surfaces:

Galvanized metal, iron and steel, and factory finishes where corrosion is a problem. Provides excellent adhesion as a base for Uniflex Acrylic and Urethane coatings.

As a bonding primer over Fluorocarbon finishes such as Kynar®.

NOT FOR USE WITH SILICONE COATINGS.

An adhesion test is required to confirm compatibility.

Color: White

Minimum Coverage:

Wet mils: 7.0
Dry mils: 3.0
Coverage: 250 sq. ft. per gallon

Drying Schedule 77°F @ 50% RH:

Exposure 4-6 hours
To recoat 4-8 hours

Must be top coated within 90 days

Air and surface temperatures must not drop below 50°F for 4 hours after application.

Drying and recoat times are temperature, humidity, and film thickness dependent.

Tinting:

This product can not be tinted.

Product Characteristics

V.O.C. (less exempt solvents): < 50 g/l
Volume Solids: 42±2%
Weight Solids: 57±2%
Weight per Gallon: 11.2 lbs
Flash Point: n/a
Vehicle Type: Acrylic
Shelf Life: 36 months, unopened

APPLICATION

Temperature:

Ambient Air: between 50°F and 120°F

Surface: between 50°F and 120°F

Apply on a clear, dry day with a max humidity level of 85%.

DO NOT apply if heavy dew or rain is expected within 2 to 4 hours.

KEEP FROM FREEZING

Reducer: Do not reduce

Thinning: Do not thin

Airless Spray:

Pressure min. 2,600 p.s.i.

Tip .017-.019

Brush: nylon-polyester

Roller Cover: 3/4 inch nap woven

Spray and back roll on porous & rough substrates to achieve required film build and a pin-hole free surface.

Apply at temperatures above 50°F. When the air temperature is at 50°F, substrates may be colder; prior to application, check to be sure the air, surface, and material temperature are above 50°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 60 minutes.

Do not apply at air or surface temperatures below 50°F or when air or surface temperatures may drop below 50°F within cure time.

For best performance results, avoid coating substrates with elevated surface temperatures. All surfaces must be clean and dry.

APPLICATION TIPS

Apply at the recommended film thickness and spreading rate as indicated on the page. Application of coating below minimum recommended spreading rate may adversely affect the coating systems performance.

Mix thoroughly to a uniform consistency with slow speed power agitation prior to use.

RECOMMENDED SYSTEMS

For use as a metal rust primer with Uniflex Acrylic and Urethane coating systems.

For use as a bonding primer over existing fluorocarbon finishes.

NOT FOR USE WITH SILICONE COATINGS

Refer to full specifications for additional details.

SURFACE PREPARATION

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked coatings should be scraped to a sound surface. Glossy surfaces should be sanded dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Galvanized Metal:

Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding.

Previously painted/Fluorocarbon finishes:

Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Always check for compatibility of the previously painted surface with the new coating by conducting an adhesion test. Allow to cure thoroughly for 1 week before checking adhesion.

PACKAGING INFORMATION

<u>SKU</u>	<u>SMIS</u>	<u>SIZE</u>
KST036520-20	650174808	5 gallon pail
KST036520-27	650389992	55 gallon drum

CLEAN UP INFORMATION

Clean spills, spatters, hands and tools immediately after use with mineral spirits. Flush spray equipment with mineral spirits. Follow manufacturer's safety recommendations when using solvents

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CAUTIONS

For exterior use.

Protect from freezing.

Do not apply at temperatures below 50°F. Air and surface temperatures must not drop below 35°F during cure time

Before using, carefully read CAUTIONS on label.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

PRECAUTIONS: For exterior use only. Protect building inlets from product vapors or fumes. DO NOT allow product to freeze.

Protective clothing, gloves and eye-wear should be used during application of these products.

When transporting this product, ensure that lid is tight and pail secure and upright. DO NOT allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective clothes to prevent damage due to accidental spills. For longest life, store in controlled environment, 45°F- 80°F. Avoid continual storage in direct sunlight or at temperatures above 99°F. Seal container when not in use. Do not walk on coating until fully cured. Use all contents within one day of opening. DO NOT reuse empty containers.

Ponding water creates excessive weight on roofs and may compromise structural integrity leading to a potential collapse hazard. Always follow the National Roofing Contractors Association guidelines to remove ponding water from roof surfaces. **SLIP WARNING:** Use extreme caution when walking or working on coated surfaces, and apply traction promoting particles in coating if needed for walkway areas. If there will be foot traffic on roof after installation (and cured), embed 40 - 60 lbs. of #11 ceramic granules per 100 sq ft into top layer of coating to create a non-skid finish. Surfaces without granules are slippery when damp or wet. Use OSHA approved fall protection when on roof surface

WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Color fade is not covered under warranty. THIS LIMITED WARRANTY IS THE BUYER'S SOLE AND EXCLUSIVE REMEDY AGAINST UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY REGARDING THE PRODUCT. IN NO EVENT SHALL UNIFLEX OR THE SHERWIN-WILLIAMS COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE OR OTHER DAMAGES ARISING FROM THE USE OR PERFORMANCE OF THE PRODUCT. Since methods of application and on site conditions can affect performance, UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY MAKE NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THE PRODUCT, AND UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY HEREBY DISCLAIM ALL SUCH OTHER WARRANTIES