PURE REFLECTIONS
PRODUCT TECHNICAL DATA SHEET
OCTOBER 2017

PRODUCTS

PR401-01   (DTS) Direct to Substrate – High Build Gray Primer 2.1 VOC, Gallon
PR405-04   (DTS) Direct to Substrate – Hardener 2.1 VOC, Quart

FEATURES

High Solids   Low Viscosity   High Build   Smooth Sand
Excellent Gloss Holdout   Zinc Chromate Characteristics

DESCRIPTION

Pure Reflections (DTS) is a two component, Low VOC, **Direct to Substrate** – Sandable Primer Surfacer that can achieve a very high film build through it's high solids/low viscosity technology. A smaller than normal tip size, allows for smoother application and less work when trying to achieve a total flat-sanded surface. This primer also offers excellent sanding characteristics and gloss holdout.

SUBSTRATES

- Properly Treated Steel*
- Treated Aluminum*
- Fiberglass / SMC
- OEM Finishes
- Refinish Lacquers, Enamels, and Urethanes
- Etching Primers
- E-COAT (for added corrosion protection)

* Does not require an etch primer. For complete refinishing of larger bare metal areas, apply to properly cleaned and blasted or sanded substrates with 200-320 grit sandpaper.

SURFACE PREPARATION:

Bare Substrates:
Repairs or sand-throughs can be directly primed without etching.
1. Solvent clean with appropriate surface cleaner and wipe dry with a clean, dry cloth.

Prepainted Substrates:
1. Wash surfaces with a mild detergent in hot water. Rinse well and wipe dry with a clean, dry cloth.
2. Solvent clean with appropriate surface cleaner and wipe dry with a clean, dry cloth.
3. Sand repair area and featheredge using 80, 180, 280, 320 and finish with 400 grit treated sandpaper on a random orbital sander, thus extending the repair area to accommodate the primer application. Solvent clean with appropriate surface cleaner and wipe dry with a clean, dry cloth.

MIX RATIO (4:1)

4 PARTS   PR401-01 Primer
1 PART   PR405-04 Hardener

APPLICATION

- Apply 2 – 3 even, full wet coats, at a gun distance of 5" – 7" inches.
- **1.4 Gun nozzle tip MAX. Range: 0.8 - 1.4 at 10-14 oz/min**
- Air Pressure: 28-35 PSI.
- Allow each coat to flash to a dull finish, until necessary film build is achieved.
- HVLP = 5 – 7 psi @ cap.
- Recommended dry film thickness after sanding is 2.0 – 2.5 mils.
- Clean spray gun with an appropriate gun cleaner, immediately after use.

DRYING

Air Dry:	1 – 2 hours @ 70°F
Force Dry:	20 – 30 minutes up to 140°F
Short Wave Infrared:	5 minutes flash, 10 minutes on high setting @ 36" inches distance.

Note: Purge for 10 minutes before using short wave infrared.

To sand:	90 minutes for air dry. Upon cool down for force dry and short wave infrared.

Note: Excessive film builds and cooler temperatures will extend dry times.

Final Sanding	Sandpaper Grit
To seal	P400*
To topcoat	P600*

PHYSICAL DATA

VOC Sprayable:	1.9 lbs/gal
Pot Life (below 90°F and 50%RH):	1 hour
Shelf Life of Primer & Activator	7 years (unopened & not exposed to extreme Weather elements)
Theoretical coverage	742 square feet/gal @ 1 mil dry

PERSONAL PROTECTION

- For use by trained professionals only.
- Read label, directions, and SDS before use.
- Use appropriate Personal Protective Equipment while mixing and spraying.

NOTE: PURE REFLECTIONS products are not recommended for use in temperatures below 60° F. Use below these temperatures will effect dry times and performance.

FOR INDUSTRY USE ONLY
Read SDS Before Use
The contents of the package must be blended with other components before the product

can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE SDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

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