



ClovaPrime 55

Acrylic Urethane Primer Surfacer

General Properties

ClovaPrime 55 is a high performance two component Acrylic Urethane Primer Surfacer. This product has fast dry-to-sand characteristics with good build, and will impart good color and gloss holdout to the topcoat.

Recommended Uses

ClovaPrime 55 can be applied over properly prepared steel, fibreglass, aluminum and factory finishes in sound condition (after proper deglossing with #180 - #220 grit paper). ClovaPrime 55 is also used as a surfacer over primed steel and aluminum. ClovaPrime 55 can be applied in three consecutive coats to a maximum of 9 mils dry when a high build film is required for extra filling. Allow 15 minutes flash-off time between coats at 24°C (75°F).

Product Information

GENERIC TYPE	Acrylic Urethane
PIGMENT TYPE	Inert Filler
COLOR	Buff
BASES	N/A
FINISH	Low Sheen
AVERAGE VOLUME SOLIDS	47%
AVERAGE WEIGHT SOLIDS	67%
RECOMMENDED FILM THICKNESS	Wet: 4 - 6 mils Dry: 2 - 3 mils See your Cloverdale Representative for project recommendations.
THEORETICAL COVERAGE	753 ft ² /gal @1 mil (25 microns) DFT 18.5 m ² /L @ 1 mil (25 microns) DFT Actual coverage may vary depending on substrate and application methods.

MIXED RATIO	6 parts 83055 A : 1 part 83055 B
INDUCTION TIME	15 minutes
POT LIFE	4 hours at 24°C (75°F) (less at higher temperatures)
VISCOSITY MIXED	70 - 75 K.U.
TEMPERATURE RESISTANCE (DRY)	93°C (200°F) Continuous 120°C (250°F) Intermittent
V.O.C. MIXED	538g/L (4.48 lbs./gal.)
MAXIMUM THINNING TO OBTAIN V.O.C. OF 420 g/L (3.5 LBS/GAL)	N/A
THINNER	C-760-1 Slow Evaporating C-760-2 Fast Evaporating
ACCELERATOR	N/A

Methods of Application

AIRLESS SPRAY	Airless spray with tip sizes .011" - .015" or equivalent
H.V.L.P.	Binks Model Mach 1 92 x 95AP (pressure) or equivalent
CONVENTIONAL	Binks Model BBR AP-19 or AP-21 air cap, AO 47 fluid tip or equivalent
BRUSH / ROLLER	Not recommended

Drying Time - Temperature, Relative Humidity, and Film Thickness will affect dry and re-coat times.

Substrate Temperature	Touch Dry	Hard Dry	Minimum	Overcoat Interval	
				Maximum	Normal
25°C (77°F)	10 minutes	8 hours	15 minutes	7 days	4 hours

Recommended Topcoat

Primarily designed for two component urethanes but can be topcoated with conventional coatings under certain conditions: see your Cloverdale Paint Representative for recommendations on your project.

Surface Preparation

Old finishes must be sound, well adhered and free from oil, grease, dirt or other contaminants. Sand old finishes with #180 - #220 grit sandpaper prior to application of topcoat. Previous primer may be sanded to improve adhesion and/or to remove excessive surface imperfections. Do not apply over nitrocellulose putties or other similar products. Steel should be prepared in accordance with SSPC-SP6 Commercial Blast Cleaning for maximum performance. SSPC-SP3 Power Tool Cleaning followed by solvent cleaning is permitted for less severe environments.

Typical Resistance (NON-IMMERSION) see Limitations

WEATHER	N/A	SALT WATER	N/A	ACIDS	N/A
MOISTURE	N/A	FRESH WATER	N/A	ALKALIS	N/A
SOLVENTS	N/A	ABRASION	N/A	OIL	N/A

Limitations

Not for immersion service. For best results, apply when substrate temperature is above 10°C (50°F) and at a minimum of 3°C (5°F) above the dew point. Application should not proceed when the relative humidity is above 85%. This product is not intended to remain uncoated and exposed to the elements.

Mixing Instructions

Mix base and curing agent separately with good agitation. Add converter or curing agent to base component and mix thoroughly until homogenous. Reduce as required for application. **Mixed paint is moisture sensitive. Carefully maintain water traps in air lines.** If thinning is necessary or required, proceed only after recommended induction time has passed.

Safety Precautions

This product is for industrial use only. **Refer to Material Safety Data Sheet for proper health and safety information.**

Storage and Handling

FLASH POINT	-7°C (19°F) TCC
PRODUCT WEIGHT	A = 10.23 lbs. B = 1.17 lbs./gal., (container extra)
STORAGE	Cool, dry, secure location. See your Cloverdale Paint Representative.
PACKAGE SIZE	1 gallon kit: 3.24 L 83055 A, 0.54 L 83055 B

Some package sizes or colors may be by special order only. Please check with your Cloverdale Representative when ordering.

Warranty Disclaimer

Cloverdale Paint manufactures quality products. In the event that this product is defective or in any way unsuitable for the application for which it is sold, Cloverdale Paint Inc. will replace the product free of charge. The warranty provided by this data sheet is the only warranty or guarantee of quality made in respect of this product by Cloverdale Paint Inc. By purchasing this product the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

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