



# NCI PU 2K

## DESCRIPTION

A two-component, Polyester aliphatic polyurethane top-coat.

## PRODUCT FEATURES

- Superior exterior resistance.
- Maintains color and gloss for many years.
- Highly resistant to industrial and marine corrosive environment and to wear.

## TECHNICAL DATA

Color: RAL colors chart  
Gloss: Glossy, silk or matt  
Solid content by volume: 50% min. (depends on color)  
Recommended dry film thickness: 50 microns  
Theoretical coverage \*: 9-11 sqm. /liter  
Recommended thinner: Thinner NCI 300  
Mixing Ratio by volume: parts A: part B = 2:1  
Shelf life\*\*: 24 months

## RECOMMENDED USES

A Top-coat for both internal and exterior use. As part of a paint system for application on steel and concrete structures in corrosive and marine environments, on bridges, port cranes, power stations, chemical, petrochemical plants etc. Suitable for aircraft hangar floors, highly durable to Skydrol.  
Top coat for all NCI POLYUREA floor systems.

## PACK SIZE

1Ltr, 4Ltr, 18Ltr

## NCI CHEMICAL INDUSTRY LTD

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## SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application, all surfaces should be assessed and treated in accordance with ISO 8504-2000.

Steel: Blast to Sa-2.5 (per Swedish Standard) Apply 150 microns of NCI EPOXY METAL PRIMER, followed by NCI PU 2K.

Galvanization: blast to a profile of 10-15 microns. Apply NCI EPOXY METAL PRIMER, followed by NCI PU 2K.

Surfaces with old paint: Power or hand washes to remove contaminants. Use a degreaser to remove oils when needed. Rinse off traces of cleaning agents thoroughly and dry. Rub off any loose paint coats, rust and corrosion. Use emery cloth to dull gloss of existing paint, and then apply NCI EPOXY METAL PRIMER, followed by NCI PU 2K

## APPLICATION

Part A (resin) and Part B (cure) are packed in measured quantities for mixing. Mix each part thoroughly before mixing the part with one another. Mixing ratio by volume A: B is 2:1. Mix part B into part A and stir well. Surface temperature must be at least 3°C above dew point.

Air Spray/Airless spray: Flush the spraying system with thinner 11. Ascertain that the equipment is clean. Spray a wet layer in even and parallel passes with a 50% overlap to avoid exposed areas and gaps in the film. Required nozzle orifice size: 0.013"-0.017". Presser: 2500-3000 PSI.

NOTE: The information given for our products is based on extensive and long-term research and is given for information purposes. We guarantee the quality of our products, but we bear no liability for any damage or loss occurring in the workplace, since the end result depends on factors beyond the control of the company.

## CAUTIONS

Any work that includes application and use of this product shall be performed according to the applicable Safety, Health and Environmental regulations. Read the safety precautions and the warnings specified in the Safety Data Sheet, available at NCI Safety Department and indicated on the product's label. Keep away from fire and sparks. Non-edible. Provide adequate ventilation of the work space. Use appropriate protective means, as indicated in the Safety Data Sheet. Do not inhale fumes when spraying this product. Never mix this material with others when not specifically recommended by NCI.

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