

Technical Data Sheet

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CTC-997 PU HQ



High Quality Polyurethane Topping

PRODUCT DESCRIPTION

CERAKOTE CTC-997 PU HQ is a two component aliphatic acrylic polyurethane enamel. It has excellent gloss and color retention, non chalking and non yellowing. For interior and exterior application.

FIELDS OF APPLICATION

As a top coat on ceramic tile such as bathup, urinoir, closet, washtafel, wall, etc.

ADVANTAGES

- Excellent gloss and color retention
- Non chalking and non yellowing
- Resistant to a wide of chemicals
- Easy to apply
- Low maintenance cost

TECHNICAL DATA

Type	: Two component aliphatic acrylic polyurethane
Color	: As shown in the color card
Finish	: Glossy
Specific Gravity (mixture)	: $\pm 1.15\text{gr/ml}$
Solid by Volume (mixture)	: $\pm 58\%$
Material Consumption	: 0.20 kg/m^2 for ± 90 microns DFT
Drying Time (30°C)	:
- Surface Dry	: 30 min
- Hard Dry	: 8 hours
- Full Cure	: 7 days
Packaging	: 1 and 5 Litre-set
Mixing Ratio by Volume	: Comp A : B = 2 : 1 v/v
Pot Life (30°C)	: 60 minutes
Storage Stability	: One year in cool and dry storage and in original not opened box
Thinning Ratio by Volume	: 15 - 20% of PU Thinner
Application Method	: Roll, brush, Spray
Re-coating Interval (30°C)	: Min 12 hours
Application Temperature	: 10 - 40°C
Humidity Maximum	: 80 % RH
Provide adequate ventilation during application and drying	

INSTRUCTION FOR USE

Surface Preparation

Clean the surface to be painted from oil, dirt, crust, fungus and other contaminants.
Sand thoroughly using sand paper grit #240 - 400. Surface must be clean and dry before painting.
For metal bath up, must be clean the surface from rust then apply anti corrosion paint.



Application Procedure

Function	Product and Tools	Coating amount	Curing Time
Primer	: CERAKOTE CTP-980 WB. Mix comp. A before. Pour the comp. B to comp. A and mix well for 2 minutes until homogeny. Mixing ratio comp. A : B = 4 : 1 w/w. Apply the mixed material using brush or roll. CERAKOTE CTP-980 WB can be applied by adding the clean water 10-15% if necessary. Let it dry 4 - 6 hours before apply the next step and sanding with the sand paper grit #400 before apply the top coat.	0.20 kg /m ² /90 mic	± 6 hrs (30°C)
Top Coat	: CERAKOTE CTC-997 PU HQ. Mix comp. A before. Pour the comp. B to comp. A and mix well for 2 minutes until homogeny. Mixing ratio comp. A : B = 2 : 1 v/v. Apply the mixed material using brush, roll or spray.. CERAKOTE CTP-980 WB can be applied by adding the PU Thinner 10-20% if necessary. For optimum result, area can be used after minimum 3 days after application.	0.20 L-set /m ² /110 mic	

RECOMMENDED COATING SYSTEM

Preceding coats : CERAKOTE PRIMER CTP-980 WB

Subsequent coats : CERAKOTE CTC-997 PU HQ

CLEANING

CERAKOTE CTC-997 PU HQ should be removed from tools and equipments with Propan Epoxy Thinner. Hardened material can be removed mechanically only.

SAFETY PRECAUTIONS

CERAKOTE CTC-997 PU HQ is flammable but does not contain heavy metals in its materials such as lead. Avoid contact with skin and eyes. Do not inhaled. Wear suitable protective equipment such as goggles, dust mask and gloves. For more information refer to material safety data sheet (available upon request).

First Aid

- Skin Contact : Wash with soap and water. If irritation occurs, seek medical advice
- Eye Contact : Rinse immediately with plenty of water. Seek medical advice if irritation persists.
- Inhalation : Take the person out to get more fresh air, loosen collar and avoid exertion. Keep patient rested and help using breathing apparatus.