

# CrownPro WP

Product Description Sheet No. 345-347



## High Performance Water-Based Urethane Floor Coating for Light and Moderate Duty Commercial and Industrial Use

### DESCRIPTION

**CrownPro WP** is a water based two-component aliphatic polyester-polyurethane coating available in clear, satin or 4-pigmented colors.

### WHERE TO USE

- Stained Concrete Surfaces
- Show Room Floors
- Automobile Repair Bays
- Manufacturing Plants
- Garage & Patio Floors
- Slip-Proofing Top Coat for Hard Tile Surfaces
- Top Coat for Other Polymer Surfaces such as Epoxy and Terrazzo
- Clear Top Coat for Crown Colored Quartz, CrownFlake and CrownStone Decorative Floor Overlays

### ADVANTAGES / BENEFITS

- Easy to Apply – Reduces Labor
- Nearly No Odor
- No VOC's – No Solvents
- Fast Cure Rate
- Cures Down to 40°F (4°C)
- Hardens to a High Gloss
- Satin Finish Available
- Excellent Resistance to Abrasion and Impact
- Top Coat for Slip-Proofing to comply with OSHA and ADA Standards

### TYPICAL COVERAGE

**Top Coat:** The substrate surface profile greatly affects the coverage rate and final appearance. Larger aggregate applied heavily to the surface for skid resistance will also reduce coverage rate.

**Products Wet Coverage / Coat**  
 346 & 347 Max. 6 mils (267 t2/Gal.)  
 345 Max. 10 mils (160 FT2/Gal.)

### TYPICAL DATA FOR

**CrownPro WP 47 - CrownPro WP 35 - CrownPro WP 25**  
 (Material and Curing Conditions at 73°F unless noted, 50% R.H.)

	Prod. No.	COLORS	%
<b>SOLIDS</b>			
<b>CrownPro WP 47</b>	<b>345</b>	<b>Clear, Satin **</b>	<b>47</b>
<b>CrownPro WP 35</b>	<b>346</b>	<b>Clear, Satin</b>	<b>35</b>
<b>CrownPro WP 25</b>	<b>347</b>	<b>Clear, Satin</b>	<b>25</b>

\*\* Light Gray, Medium Gray, Tan and White – Special Colors Available

#### Taber Abrasion, (ASTM D 4060)

1,000g Load, 1,000 cycles, CS-17 wheel 36mg. Loss

**Pendulum Hardness (7 days)** 143 seconds

**Gloss, 60° (ASTM D 523)** 90

#### Impact, in. lbs. (ASTM D 2794)

Direct 160 lbs.  
 Reverse 160 lbs.

**Potlife** 2 to 4 hours

#### Substrate Temperature

	40°F	73°F	90°F
<b>RE-COAT TIME</b>	2-3 hrs.	50 min.	45 min.
<b>DRY TO TOUCH</b>	2.0 hrs.	50 min.	45 min.
<b>FOOT TRAFFIC USE</b>	3-4 hrs.	2.0 hrs.	1.5 hrs
<b>WHEEL TRAFFIC USE</b>	24 hrs.	24 hrs.	24 hrs.

#### Chemical Resistance

Acetic Acid, 5%.....	excellent
Alkalies.....	excellent
Ammonia.....	excellent
Battery Acid.....	excellent
Beer.....	excellent
Bleach.....	excellent
Brake Fluid.....	excellent
Ethanol.....	excellent
Ethylene Glycol.....	excellent
Gasoline.....	excellent
Hydrochloric acid, 10%.....	excellent
MEK.....	poor
Methylene Chloride.....	poor
MIBK.....	excellent
Nitric Acid, 5%.....	excellent
Oil.....	excellent
Phosphoric Acid, 30%.....	excellent
Saltwater.....	excellent
Skydrol™.....	excellent

**Shelf Life** 1.0 years in original unopened containers

**Packaging** 5 Gal/Unit

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