



# Graffiti Armour

**Description:** Graffiti Armour is a one-component, non-sacrificial, ready-to-use siloxane coating that cures with atmospheric moisture.

**Intended use:** Over properly prepared concrete surface.

- Features & Benefits:**
- Excellent graffiti resistance.
  - Excellent clean ability with either a cloth or white scourer, and detergent or power washing.
  - High UV resistance.
  - Extremely flexible.
  - Excellent adhesion.
  - Low VOC.
  - Fast drying.
  - Outstanding airless spray properties.
  - Single component.
  - Extremely weather-resistant.

- Recommended Uses:** Use over interior or exterior concrete surface that needs protection from graffiti defacing.
- Bridge Abutments.
  - Commercial Buildings.
  - Schools.
  - Transit Stations.
  - Overpasses.
  - Railcars.
  - New Construction.

- Characteristics:**
- Finish:** Semi-Gloss
  - Color:** Clear and various other colors available
  - Volume Solids:** Clear: 72% ± 2%  
Colors: 75% ± 2%
  - Weight Solids:** Clear: 75% ± 2%  
Colors: 85% ± 2%
  - VOC (EPA Method 24):** <250 g/l
  - Shelf Life:** 12 months, unopened  
Store indoors at 4.5°C to 38°C
  - Flash Point:** >38°C, TCC
  - Reducer/Clean Up:** Graffiti Armour Solvent

**Recommended Spreading Rate per coat:**

	Minimum	Maximum
<b>Wet microns</b>	200	300
<b>Dry microns</b>	150	225
<b>~Coverage m<sup>2</sup>/L</b>	4	7

*NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.*

**Drying Schedule @ 250 microns wet:**

	Clear		
	@ 4.5°C	@ 25°C 50% RH	@ 49°C
<b>To touch</b>	9 hours	1 hour	30 min
<b>Tack free</b>	12 hours	4 hours	1 hour
<b>To cure</b>	21 days	7 days	4 days

*Drying time is temperature, humidity, and film thickness dependent.*

**Performance Characteristics:****Performance with Clear:**

Passed 4000 hours of QUV / multi-graffiti application and removal.

- Gloss retention = 63%
- Color change <3 delta E CIE \*L a b

No signs of graffiti left after clean-up; no visible signs of streaking, cracking, pinholing, discoloration or other coating degradation upon casual examination.

**Graffiti Removal from Surface Coated:**

Power wash with 200 bar pressure washer (8m of hose) having a 15-degree tip at 5-8m away from the surface.

Graffiti can also be removed using a white scourer and detergent, cloth and detergent or acceptable graffiti removers. Contact your Cyndan representative for further information.

- Fast Drying.
- Non-Sacrificial.
- Excellent Cleanability.

**Adhesion:**

- Method: ASTM D6677.
- Result: Passes, Rating 8.

**Recommended Systems:**

	Dry Film Thickness under previously painted
<b>Concrete/Masonry, smooth</b>	150-225 Microns
<b>Previously Painted Surface</b>	150-225 Microns
<b>Metal</b>	100-150 Microns

*The systems listed above are representative of the product's use, other systems may be appropriate.*

**Application Conditions:****Temperature:**

- 1.7°C minimum, 49°C maximum.
- (Air, surface) - At least 2.8°C above dew point. 10°C minimum for material.

**Relative Humidity:**

- 30% minimum, 95% maximum.

**Tinting:** Do not tint.

**Sizes:** 4L.

**Safety:** CONSULT THE MSDS FOR SAFETY, STORAGE AND FIRST AID INSTRUCTIONS BEFORE USING THIS PRODUCT.

**Warranty:** Cyndan Chemicals warrants that for a period of 12 months from the date of manufacture or for the duration of the published shelf life, whichever is less, that at the time of shipment, the product is free of manufacturing defects and conforms to published specifications in force on the date of acceptance by "the company" of the order. Cyndan Chemicals shall only be held liable under this warranty if the material has been stored, used and applied in accordance with Cyndan's instructions in the products technical data sheet. Liability is limited to replacement of product.

