

Surface Preparations:
Masonry and Block

For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI 03732, CSP 1-3. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 24°C. Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with Cement. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Laitance must be removed.

Previously Painted

If previously painted surface is in sound condition, clean surface of all foreign material. Smooth, hard or glossy coatings should be dulled by abrading the surface. Apply a test area, allowing to dry one week before testing adhesion. If adhesion is poor, or if this product attacks the previous finish, removal of the previous coating may be necessary.

Metal surfaces are suitable for application when they are clean and dry.

Surface Preparation Standards:

	Condition of surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
	White Metal	Sa 3	Sa 3	SP 5	1
	Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
	Commercial Blast	Sa 2	Sa 2	SP 6	3
	Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted	C St 2	C St 2	SP 2	-
	Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted	C St 3	C St 3	SP 3	-
	Pitted & Rusted	D St 3	D St 3	SP 3	-

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

Application Equipment:

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up Graffiti Armour Solvent

Airless Spray

Pressure	220 - 250 bar
Hose	1cm
Tip	0.33" – 0.48"
Filter	250 microns
Reduction	Graffiti Armour Solvent – up to 5% as needed

Brush

Brush	Natural Bristle
Reduction	None required

Application Equipment:**Roller**

Cover	1cm – 1.3cm woven with solvent resistant core
Reduction	None required

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

Equivalent application equipment may be substituted for the above recommendations.

Published technical data and instructions are subject to change. Contact your Cyndan representative for additional technical data and instructions.

If specific application equipment is not listed above, equivalent equipment may be substituted.

Application Procedures:

Surface preparation must be completed as indicated.

Application of coating outside of the listed parameters may adversely affect coating performance.

Mixing Instructions: Mix product thoroughly with low speed power agitation prior to use.

Apply product at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet microns	200	300
Dry microns	150	225
~Coverage m²/L	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
To touch	9 hours	1 hour	30 min
Tack free	12 hours	4 hours	1 hour
To cure	21 days	7 days	4 days

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

Application of product above maximum or below minimum recommended spreading rate may adversely affect coating performance.

Clean Up Instructions:

Clean spills and spatters immediately with Mineral Spirits. Clean tools immediately after use with Mineral Spirits. After cleaning, flush spray equipment with Mineral Spirits to prevent rusting of the equipment. Follow safety recommendations when using Mineral Spirits.

Safety:

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

**Performance
Tips:****Graffiti Removal from Surface Coated with Cyndan Graffiti Armour:**

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

When using spray application, use a 50% overlap with each pass of the gun to avoid bare areas, and pinholes. If necessary, cross spray at a right angle.

Excessive reduction of material can affect film build, appearance, adhesion, and performance. In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Mineral Spirits or Naphtha solvent.

Coating Material is sensitive to water. Use water traps in all air lines. Moisture contact can induce curing and, hence, the plugging of the equipment. Re-seal open containers if prolong work stoppage occurs.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing or spillage.

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.

