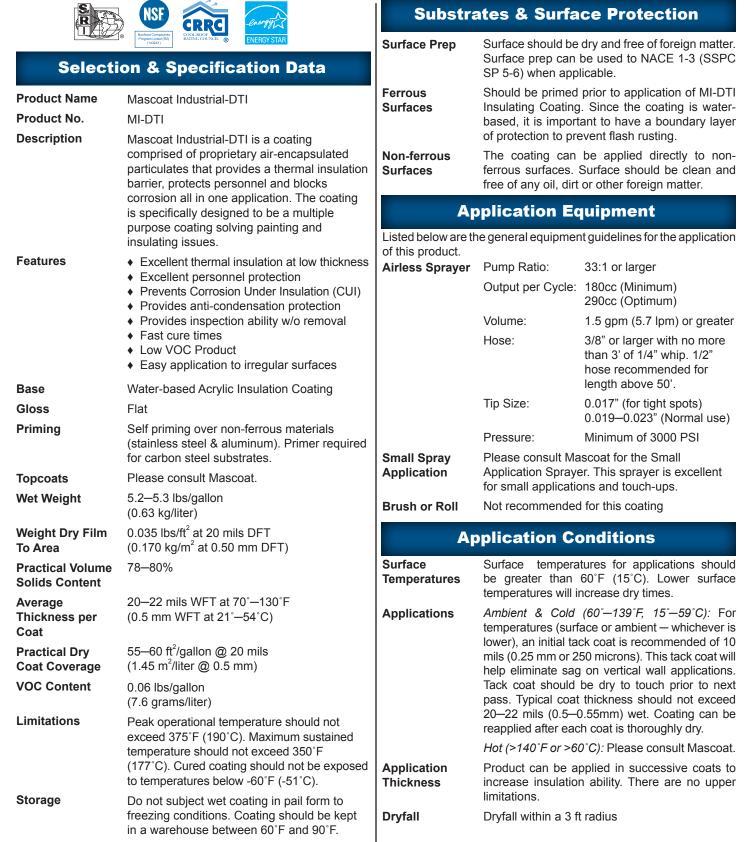
# 







## **Other Coating Specifications**

ltem	English Value (Metric Value)	Test Method
Cyclic Salt Fog	Excellent 2000 hrs	ASTM B-117
UV-A Exposure	Excellent 2000 hrs	ASTM D-5894
Humidity Cabinet	Excellent 2000 hrs	ASTM D-4585
QUV	Excellent 2000 hrs	ASTM G-154
Permeability	Low – 4.98 perms (3.28 grams/24 hrs/m <sup>2</sup> /mm/hg)	ASTM 1653-03
Transmission	Low – 4.14 grains/hr/ft <sup>2</sup>	ASTM 1653-03
Cross Hatch Adhesion	5A	ASTM D-3359
Pull Apart Strength	130-260 psi*	ASTM D-4541
Elongation Rate	Above 30%	ASTM D-638
Thermal Conductivity	0.4381 Btu-in/ft <sup>2</sup> -hr-°F (0.0698 W/m/K)	Thermal Probe Study
Thermal Emittance	0.85	ASTM C-1371
Solar Reflectivity	0.82-0.86	ASTM C-1549
Transmittance	0.00	Calculated
Absorptance	0.14—0.18	Calculated
Flame Spread	Class A	ASTM E-84
Smoke Developed	Class A	ASTM E-84
Cone Calorimiter	>6	ASTM E-1354-97

\*Pull apart strength (due to cohesive failure) is dependent on application thickness, curing time, and in-service temperatures.

### **Mixing & Thinning**

MixingOnly a mud mixing paddle should be used.<br/>Use 1/2" drill motor to stir contents with paddle.<br/>Make sure drill is set to reverse to ensure that<br/>the paddle will not mar the bucket's inner wall.<br/>Please consult Mascoat for paddle, if needed.<br/>DO NOT MECHANICALLY SHAKE.

 Thinning
 DO NOT THIN unless authorized in writing by Mascoat.

Pot lifeCoating is one part, so no catalyzation is<br/>needed. Pail can be reused if properly sealed.

Container 5 gallon pail (18.92 liters)

### Package, Handling & Storage

Container Wet (with pail/lid)	27.5–28.0 lbs/5 gallon pail (12.47–12.7 kg/18.92 liters)
Net Contents	25.9 lbs/5 gallon pail (11.7 kg/18.92 liters)
Flash Point (Setaflash)	None
Storage	Do not subject wet coating in pail form to freezing conditions. Coating should be kept in a warehouse between 60°F and 90°F.
Shelf Life	18 months shelf life from manufacture date.
Caution	Do not let product freeze.

# Cleanup & SafetyCleanupEquipment may be cleaned with soap & water.SafetyFor minimum protection, Mascoat recommends<br/>an N95 particulate respirator mask. For additional<br/>protection, a half mask respirator with organic<br/>vapor cartridge can be utilized. Eye protection<br/>recommended due to spray application method.VentilationRecommended for constricted areas.CautionThis material is not for human consumption.ClothingSafety clothing & gloves are recommended.

**Dry Times vs. Humidity** 

Surface Temperature	% Humidity	Time Between Coats (hours)
61—70°F (16—21°C)	10—30%	4.00
	31—50%	5.50
	51—70%	6.50
	>70%	8.00
71—80˚F (22—26˚C)	10—30%	2.00
	31—50%	3.00
	51—70%	3.50
	>70%	4.00
	10—30%	1.50
	31—50%	2.00
81—90°F (27—32°C)	51—70%	2.50
	>70%	3.00
	10—30%	1.25
91—100°F (33—37°C)	31—50%	1.50
	51—70%	1.75
	>70%	2.00
	10—30%	1.00
101–110°F (38–43°C)	31—50%	1.25
	51—70%	1.50
	>70%	1.75
	10—30%	0.75
	31—50%	1.00
111—120°F (44—49°C)	51—70%	1.25
	>70%	1.50
121—130°F (50—54°C)	10—30%	0.50
	31—50%	0.75
	51—70%	0.75
	>70%	1.00

Use 90° thumb test or moisture meter prior to recoat. Moisture readings should be less than 12% prior to recoat and 0% prior to topcoating. This is the estimated dry time for 15–20 mils (0.38–0.50 mm) of Mascoat Industrial-DTI wet. Dry time may vary depending on other conditions such as wind or enclosed environments. Lighter thickness passes will expedite dry times. Forced ventilation in confined areas will also expedite dry times.

Cure Times				
Temperature	Cure Time			
50–60°F (10–15°C)	60—72 hrs			
61–70°F (16–21°C)	48–60 hrs			
71–80°F (22–26°C)	36—48 hrs			
81–90°F (27–32°C)	20–24 hrs			
91—100°F (33—37°C)	18—20 hrs			
>100°F (>37°C)	14—16 hrs			

The data within is true to the best of our knowledge on the date of publication and is subject to change without prior notice. We guarantee our products to conform to Mascoat quality control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. All logos are property of their respective owners.