



# Product Data Sheet

DAI NIPPON TORYO, CO., LTD.

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For more or latest information please consult DNT

<b>FEATURES:</b>  <ul style="list-style-type: none"> <li>• Adheres Tightly on to Steel Surface, Eliminates Adhesion to Overcoats.</li> <li>• Excellent Corrosion Resistance and Weatherability.</li> <li>• Fast Drying and One Component: Good Workability.</li> </ul>	<b>NO./NAME:</b> 2121  <b>PRIMIGHT S-100</b>
	<b>TYPE:</b>  Etching Primer for Long Term Exposure.
	<b>SHIPPING WEIGHT:</b>  16 l . 4 l

## SPECIFICATION DATA

PACKAGE . . . . . 1 Component

COLOR . . . . . Deep Green

FINISH . . . . . Flat

SPECIFIC GRAVITY @20°C . . . . Mixed Material: 0.94  
Volatiles : 0.80

VISCOSITY @20°C . . . . . 28 Seconds (Ford Cup#4)

SOLIDS CONTENT . . . . . 25% - by weight

DRYING TIME . . . . .	@5	@20	@30	@40
	(41°F)	(68°F)	(86°F)	(104°F)
To Touch:	10	5	3	3
Tack Free:	30	30	15	10(minutes)

The recoating time is specified in the application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT . . . . . 10 ~ 15 Microns

THEORETICAL COVERAGE @15 MICRONS . . . . . 119g./m<sup>2</sup>

When estimating working coverages allow for application lossessurface irregularitiesetc.

FLASH POINT . . . . . -2 (28°F)

SHELF LIFE @20 . . . . . 1 Year

The above data indicates the average under normal conditions and may vary slightly depending on the conditions.

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## PRIMIGHT S-100

### APPLICATION INSTRUCTIONS

SURFACE PREPARATION . . . . . SSPC-SP10(ISO-Sa2)

APPLICATION METHOD . . . . . Brush, Airless Spray

THINNER REQUIRED . . . . . PRIMIGHT THINNER S

DILUTION RATIO . . . . . By Airless Spray  
15 ~ 25%

RECOMMENDED FILM  
THICKNESS PER COAT . . . . . Dry: 10 ~ 15 Microns  
Wet: -

AIRLESS SPRAYING  
CONDITIONS . . . . . Air Pressure to Pump: 0.4 ~ 0.5MPa(4 ~ 5kg/cm<sup>2</sup>)or more  
Pump Outlet Pressure: 12 ~ 15MPa(120 ~ 150kg/cm<sup>2</sup>)or more  
Nozzle Tip No. : 163-513 ~ 615

COATING INTERVALS . . . . .	@5 (41°F)	@20 (68°F)	@30 (86°F)	@40 (104°F)
Min.:	16	4	3	3(hours)
Max.:	3	3	3	3(months)

### NOTES

- 1.Remove completely all dirt, grease, oil, water or other contaminants from surface to be coated.
- 2.When applied under high relative humidity, this product may develop moisture blushing and decline adhesion.  
Relative humidity should be checked for application. Avoid job in case of above 80% relative humidity.
- 4.For thinning, use PRIMIGHT THINNER S only.

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