



## WATER PRIMER HPB 8100

## TECHNICAL DATASHEET

### (WATERSOLUBLE ANTI-RUST PRIMER)

#### DESCRIPTION

Water Primer HPB 8100 is a water-soluble anticorrosive primer of coating type after preheating to prevent rust of steel products. Because it is water-based paint instead of organic solvent, there is no danger of workers poisoning of the solvent, prevention of air pollution caused by organic solvent, fire due to burning, excellent workability and quick drying, high productivity, rustproofing, water resistance, adhesion this is excellent paint.

#### APPLICATION

- For underway rust prevention of steel and building temporary materials (Angled pipe, C type, H type steel)

#### FEATURES

- Thermosetting paint for undercoat of steel
- Short drying time and excellent rust prevention, water resistance, adhesion, and alkali resistance

#### TYPICAL PROPERTY

Color	Yellow, Redbrown etc.	
Non-Volatile(%)	Approx. 40~48%	
Specific gravity	1.1 ~ 1.3	
Thickness	10~20 $\mu$ m	
Theoretical application rate	16~20m <sup>2</sup> /l	
Gloss	Matt/Semi-gloss	
Diluent/rate	Water / 40~50%(vol.)	
Drying condition	Set to touch	Under 1min
	Curing dry	Under 5min
Packing	18, 180 L	

#### METHOD

- Apply after removing rust, oil, dust and other contaminants from the surface
- Painting condition: Atmospheric temperature 5 ~ 35°C, relative humidity 85% or less
- Method: Airless spraying and maintaining a distance of about 30cm between the surface of the conductor and the spray gun
- Apply after preheating the substrate temperature to 80 ~ 100°C. Any lower or higher than this will delay drying and Boiling may occur.
- Top coat paint: Quick-drying natural drying acrylic paint, natural drying alkyd paint

#### STORAGE

- Shelf life: 12 months
- Store temperature: 5 ~ 35°C
- Avoid direct sunlight and store the product in a dry, cool, dark place at room temperature

#### PRECAUTIONS

- Do not mix this product with other paints Please use the specified curing agent
- Wear necessary protective equipment such as a mask, safety glasses, and gloves to avoid inhalation of odors or contact with the skin when painting, and provide adequate ventilation when painting in a closed place
- Be sure to seal the container and store it upright with the inlet facing the top
- Paint is diluted at the specified dilution ratio before use, and the already diluted paint must be stirred at low speed to prevent air bubbles and sufficiently agitate
- Adhesion to FH (FULL HARD) materials may be limited.