

Description

MASTERGUARD PR 701 is Universal alkyd metal primer formulated from one component phenolic modified alkyd with rust inhibitors to provide long term protection of structural steel.

Key Features

- Fast dry
- Good adhesion
- Good corrosion resistance

Recommended Use

General purpose primer for protection of steel in mild to medium atmospheric corrosive environments.

Product Data

Properties

Type	: Alkyd Primer
Solid Volume	: 50 ± 2%
Specific gravity	: 1.43 kg/l (calculated)
Dry film thickness	: 50 – 75 µm
Wet film thickness	: 100 – 150 µm
Spreading rate theoretical	: 10 – 6.7 m ² /l
Finish	: Matt (0% – 40%)
Color	: Grey, Red

Packaging Size

5 Liter
20 Liter

Application Data

Substrate & Surface Preparation

- General
To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination that can reduce adhesion via SSPC-SP1 solvent cleaning.
- Metal
Abrasive blasting is recommended to remove rust and mill scale. Solvent clean surfaces according to SSPC-SP1, then perform a commercial blast to SSPC-SP6 for mild exposures. Minimum surface preparation is hand tool cleaning in accordance with SSPC-SP2.
- Previously painted surfaces
All previously painted surfaces should be cleaned thoroughly to remove surface contamination. Rinse well and allow to dry. Scrape loose, scaly, peeling paint and sand the edges smooth, remove any rust and scale from ferrous metal. If the paint is glossy, sand to dull the surface. Test for compatibility with existing coatings.

Mixing

Single pack. Stir well before use.

Thinner/Cleaning

May be thinned up to 5% by volume with Thinner 2 for spray application

Application Method

- Airless Spray
 - Pump Ratio : 30 : 1 (minimum)
 - Tip Size : 0.017 – 0.031 inch
 - Fluid Output : 1.5 – 2.5 litres/min
 - Pressure Output : 1500 – 3000 psi
 - Filter Size : 60 mesh
- Brush & Roller may be used only for stripe coating and small areas

Application Condition

Condition	Substrate Temp.	Ambient Temp.	Humidity
Minimum	20°C	10°C	10%
Maximum	49°C	49°C	85%

Drying Time

Surface Temperature	Surface Dry	Dry to Overcoat	Full Cured
25°C	60 min	3 hours	7 days

Determined based on wet film thickness 76 μ at standard conditions.

Storage Condition

Keep away from heat, fire and direct sunlight. Close the container tightly when not in use, keep in dry and cool room. Keep in temperature room (25-30 degree C).

Shelf-Life Product

Standard shelf life is 24 months from the date of manufacturing in originally not opened boxes, but may be extended based upon retesting by Pacific Paint Quality Control.

Health, Safety and Environment

Always use personal protective equipment and apply in a well-ventilated space. Caution with hazard symbol, see on packaging or refer to safety data sheet.

Read all safety, security, health and environment precautions before use. Wash hands and exposed skin before meals and after use. In case of contact with eyes and skin, rinse immediately with clean water, if swallowed or for more serious cases seek medical attention immediately.