



RUST PROOF METAL PRIMER RED

1652

Interior/Exterior Alkyd Primer

PRODUCT DATA

| | |
|---------------|------------------------|
| HMS CODE: | |
| HEALTH: 2 | FLAMMABILITY: 2 |
| REACTIVITY: 0 | PERSONAL PROTECTION: B |

AVAILABLE IN:

BASES: None

COLORS: 1652 Red

DESCRIPTION: PARKER PAINT's 1652 Red Metal Primer is a medium drying alkyd oil primer for interior or exterior use. With excellent penetrating ability into porous or slightly rusty surfaces. PARKER PAINT's 1652 Rust Proof Primer has excellent weathering and moisture-resistance. PARKER PAINT's 1652 Rust Proof Red Metal Primer can be used as a shop primer, where drying time is not critical, or on other properly prepared metal surfaces, such as structural steel, pipes, machinery, storage tanks (exterior, above ground) and miscellaneous other ferrous metals.

NOT RECOMMENDED FOR: As a finish or on bare wood, masonry, stainless steel or for direct use on new aluminum or galvanized metal without a pretreatment coating. Do not use 1652 Rust Proof Primer if the finish coating contains strong aromatic solvents. Lifting or wrinkling of the finish and/or primer will occur. 1652 Rust Proof Primer is not recommended for used or previously painted or coated surfaces, or if the metal will be exposed to severe corrosive conditions.

SURFACE PREPARATION: Before applying, read and follow all directions and cautions on container label.

All surfaces to be primed, old and new, must be sound, clean, dry and free of dirt, dust, saw dust, oils, chalk, blistered or peeling paint, mold and mildew, organic matter or any other contamination that can affect the paint film. 1652 Rust Proof Red Metal Primer can be applied to slightly rusty surfaces.

Parker Paint recommends that new and old iron and steel (ferrous metals) must have all mill scale, heavy and loose rust or corrosive deposits removed. Old painted iron and steel should have deteriorated coatings of paint removed by abrasive blasting to specification SSPC-SP-6 or power tool cleaning to specification SSPC-SP-3 or scraping and wire brushing to specification SSPC-SP-2. This is followed with a solvent clean to specification SSPC-SP-1.

All new iron and steel with very little rust or no rust and no mill scale or tightly bonded mill scale can be solvent cleaned to specification SSPC-SP-1.

All areas to be spot primed should have all heavy and loose rust or corrosive deposits and deteriorated coatings of paint removed by scraping and wire brushing to specification SSPC-SP-2. This is followed with a solvent clean to specification SSPC-SP-1. In some cases a SSPC-SP6 or SSPC-SP-2 cleaning will be needed to remove deteriorated coatings, loose rust and/or corrosive deposits.

Cleaning the iron or steel with these cleaning methods will let the primer wet the surface and penetrate into the surface irregularities and assure a tight bond.

Caution should be taken when a flammable product is used for cleaning and have adequate ventilation. Mold and mildew can be removed by washing a surface with a solution of 6-8 ounces of a detergent, 1 quart bleach in 1 gallon hot water. Apply and let solution set for 15 to 20 minutes before rinsing thoroughly with fresh water. Use this solution with adequate ventilation also eye and body protection. Allow all surfaces to dry thoroughly before painting.

NOTE: See back under Precautionary Information

RECOMMENDED PRIMERS:

WOOD: N/A

MASONRY/CONCRETE: N/A

METAL: Self Prime

GALVANIZED & ALUMINUM:

1821 Galv O Prime

APPLICATION:

Mix paint thoroughly before using.

RECOMMENDED DRY FILM THICKNESS

PER COAT: 1.75 mils.

WET FILM TO ACHIEVE DFT: 2.8 mils.

(Unthinned Material)

THEORETICAL COVERAGE

AT RECOMMENDED DFT: 550 - 600 sq. ft. per/gal.

Coverage will depend on the method of application, porosity and texture of the surface.

Do not apply an exterior paint coating during rain, or in damp, foggy or freezing weather. Any one or all of these conditions can affect the drying, appearance and durability of a paint coating. It is important that this primer be applied thick enough to thoroughly cover the substrate to provide the best possible protection.

RECOMMENDED APPLICATION

TEMPERATURES AND HUMIDITY:

50 - 90° F (10-32° C) 50 - 55% RH

DRYING TIMES: TACK FREE: 8 hours

@ 77° F (25° C) RECOAT: 24 hours

50 - 55 RH DRY HARD: 24 hours

NOTE: See back under Precautionary Information

EQUIPMENT RECOMMENDATIONS:

BRUSH/ROLLER: Use premium quality brushes or roller covers.

AIR-ATOMIZED SPRAY: Use conventional spray equipment with suitable nozzle set up.

AIRLESS SPRAY: With tip size of .013 to .021.

THINNING: No thinning is recommended. If necessary, add no more than 4 fl. oz. paint thinner per gallon.

CLEAN-UP: Clean all tools and equipment immediately after use with clean paint thinner

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(continued over)

PRODUCT ANALYSIS: 1652

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|------------------------|-------|-----|
| PIGMENT | | 58% |
| Amorphous Fumed Silica | .5% | |
| Zinc Molybdate | 11.5% | |
| Red Iron Oxide | 23% | |
| Barium Metaborate | 14% | |
| Talc | 10% | |
| Nepheline Syenite | 41% | |
| | 100% | |

| | | |
|--------------------|------|------|
| VEHICLE | | 42% |
| Alkyd | 41% | |
| Linseed Oil | 22% | |
| Mineral Spirits | 31% | |
| Additives & Driers | 6% | |
| | 100% | 100% |

VEHICLE TYPE: Alkyd - Oil**SOLVENT TYPE:** Mineral Spirits**VOC GRMS/L:** Voc before thinning 300 g/l (2.50 #/g)

Voc after thinning with recommended thinner 400 g/l (3.33 #/g)

APPEARANCE: Flat**GLOSS RANGE:** N/A**VISCOSITY:** 72 - 74 KU'S
(@ 77° F [25° C])**SOLIDS BY WEIGHT:** 80.5% ± 1.5%**% SOLIDS BY VOLUME:** 62.3% ± 1.5%**WEIGHT/GAL:** 12.6 - 13.0 lbs/gal.**PACKAGING:** FIVE: X ONE: X QT: X**SHELF LIFE:** N/A**TINTING:** N/A**ENVIRONMENTAL CONSIDERATIONS**

Formulated without lead or mercury.

**PRECAUTIONARY INFORMATION:
CLOSE CONTAINER AFTER EACH USE****KEEP OUT OF REACH OF CHILDREN****DO NOT TAKE INTERNALLY****COMBUSTIBLE****FLASH POINT:** 105° F (Set-A-Flash)**D.O.T. (REQUIREMENTS):** N/A**STORE** in a clean, dry place away from high heat and open flame. Vapors may ignite.**RECOMMENDED STORAGE TEMPERATURES**

should be between: 38 - 100° F (3 - 38° C)

EXTINGUISHING MEDIA: CO2, Dry Chemical, Alcohol Foam, Foam. Water may be used.**NOTE:** Dry times will vary depending upon ambient temperature and atmospheric conditions.**CAUTION:** Before adding a detergent to a household bleach solution read the label to see if it contains ammonia or ammonium compounds. Household bleaches should never be mixed with ammonia or with a detergent or cleaners containing ammonia. These mixtures can cause the formation of harmful vapors.**This product has been formulated to resist mildew growth on dried paint film. There are no known methods or chemicals to eliminate the growth of mildew if the conditions are favorable to its growth; therefore Parker Paint Company assumes no responsibility for mildew development.****USE WITH ADEQUATE VENTILATION.** Avoid prolonged or repeated contact with skin and breathing vapors or spray mist. Coatings should only be applied when ventilation is adequate. If there is not adequate ventilation, applicators should wear respirator approved by NIOSH / MSHA (TC-23C or equivalent).**THINNER - CAUTION:****CONTAINS: ALIPHATIC HYDROCARBONS**

Keep away from heat, sparks and flame. Avoid breathing of vapor or spray mist. Avoid contact with eyes and skin. Keep container closed when not in use. Keep closures tight and upright to prevent leakage. In case of spoilage, absorb and dispose of in accordance with local applicable regulations.

FIRST AID

In case of skin contact, flush with plenty of water; for eyes, immediately flush with plenty of water for 15 minutes and get medical attention. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. If swallowed, CALL A PHYSICIAN IMMEDIATELY.

NOTICE

Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST

REVISED: 12/96 AE (Supercedes 7/96 AE)