

DESCRIPTION

ISO-RUST 4500 is an alkyd paint with a gloss finish. Formulated for metal surfaces, this is a high-quality rust resistance paint can be used for commercial, institutional and residential projects.

USE

This paint is designated for exterior and small interior surfaces with good ventilation. ISO-RUST 4500 must be applied to properly prepared and primed surfaces. It is recommended for doors, fences, roofs and metal furniture. The gloss finish allows easy cleaning while providing exceptional rust and scrub resistance. For better ventilation, items could be done outside.

ADVANTAGES

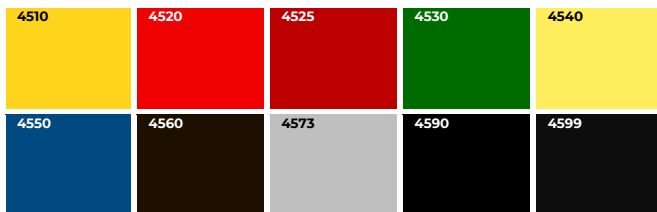
- Excellent adhesion to appropriate prepared metal surface
- Easy to maintain
- Weather and wear resistant
- Slows down rust development by applying 2 coats (see Primer Recommended Section)

LIMITATIONS

- Avoid application under 10°C
- Do not apply under direct sunlight
- Do not use on interior flooring
- Do not mix with other paints
- Do not paint large interior surfaces
- Dry time can be extended in humid environment or lack of ventilation
- Indoor, use only on small areas and well ventilated

AVAILABLE COLOURS

Colours are for information purpose.



TECHNICAL DATA

| | | |
|-------------------------|-------------------------|-----------|
| Resin | Alkyd | |
| Colour | White-Bases & Pre-Mixed | |
| Solvent | Mineral Spirit | MF-SOL450 |
| Flash Point | 42 | °C |
| Inflammability | yes | |
| Solids by weight | 65 | % |
| Solids by volume | 45 | % |
| VOC | <400 g/l | |
| Gloss | 60° | >60 % |
| Sheen | 85° | >80 % |

The value is measured from the white. It may vary depending on the color

APPLICATION DATA

| | | | |
|--|--|---------------------------------------|-------------------------------|
| *At 25° Celsius | | | |
| Relative humidity at 50% | | | |
| May differ depending on | | | |
| Spreading Rate | | 42-60 m ² (450-650sqft) | gallon |
| <small>May vary depending on the surface porosity</small> | | | |
| Film Thickness | Wet | 2,5-3,5 | mils |
| | Dry | 1,20-1,68 | mils |
| Drying Time* | Tack Free | 8-16 | hours |
| | Recoat Time | 18-24 | hours |
| | Cleaning | 30 | days |
| | Full cure | 30 | days |
| Application | Brush | √ | |
| | Roller | 10 | mm |
| | Spray airless (Tip 0,013-0,017)** | 2000-2500 | lb/sqin |
| <small>**This data may vary depending on the equipment of a manufacturer</small> | | | |
| Exterior application and condition | | | yes |
| Bases 0-1-2-4-5 et P.Mix | No rain expected following application | | 36 hours |
| Storage Temperature between | 10 et 30 | | °C |
| Tinted Bases | Format | | |
| | 946 ml | 3,78L | 18,9 L |
| 4500-0 White | √ | √ | |
| 4500-1 Base P | √ | √ | max. 2 oz of colorant/3,78 L |
| 4500-2 Base M | √ | √ | max. 5 oz of colorant/3,78 L |
| 4500-4 Base D | √ | √ | max. 8 oz of colorant/3,78 L |
| 4500-5 Base A | √ | √ | max. 12 oz of colorant/3,78 L |
| Pre-mixed colours | | | |
| 4510-0 Safety Yellow | √ | √ | 4560-0 Commercial Brown |
| 4520-0 Kubota Orange | √ | √ | 4573-0 Grey |
| 4525-0 Case Red | √ | √ | 4590-0 Gloss Black |
| 4530-0 John Deere Green | √ | √ | 4599-0 Flat Black |
| 4540-0 John Deere Yellow | √ | √ | |
| 4550-0 New Holland Blue | √ | √ | |

SURFACE PREPARATION

The surface of metal must be dry and clean, free from dust, oil, grease, soap, chalk and any other contaminants. Mechanical scraping and brushing such as SSPC-SP2 and SP3 is necessary in order to remove rust and corrosion, tart and scale. For areas hard-to-reach, clean with 467 Metal Conditioner.

Surface previously painted: Clean the surface with a cleaner / degreaser (SSPC-SP1), then scrub the surface with a mechanical (SSPC-SP2) or electric (SSPC-SP3) tool to remove rust or corrosion, scale and any paint showing weak adhesion.

Aluminum: Clean the surface with a cleaner / degreaser (SSPC-SP1), then use the 467 Metal Conditioner. Rinse well between each step.

Ferrous Metal: Clean the surface with a cleaner / degreaser (SSPC-SP1), then rub the surface with a mechanical (SSPC-SP2) or electric (SSPC-SP3) tool to remove all traces of rust, corrosion, and tart.

Galvanized Steel: Clean the surface with a cleaner / degreaser (SSPC-SP1), then scrub the surface with a power tool (SSPC-SP2) to obtain a surface profile of 1 mil. Prime non-galvanized or stripped surfaces with ISORUST 4350-0 the same day. (See Recommended Primers Section)

RECOMMENDED PRIMERS

Aluminum, galvanized metal: Apply only on rusted surfaces ISO-RUST 4350 Gray then apply Adhero Plus 290 or Metal Plus 4700-0 White over all the surface.

Metal: Apply one coat of ISO-RUST 4350 gray.

Latex paint: No primer is needed.

Old Alkyd paint: No primer is needed.

APPLICATION

This product is ready to use and does not require dilution. Mix well before use. Apply two coats of the product. Allow a minimum drying time of 18 hours between each coat for light colours and 24 hours for dark colours. Use a 10mm lint free roller and a high quality and natural bristle brush. Clean the roller and the brush with mineral spirits (MF-SOL 450) after use.

Spray application: See the Application Data above.

MAINTENANCE

Allow 30 days to cure before proceeding with a first cleaning. Only use mild, nonabrasive cleaners and a soft cloth. Clean the surface using a light, circular motion.

WARRANTY

This product will give full satisfaction if applied according to the manufacturer's instructions. Manufacturer's liability is limited to the replacement of the product and does not include manpower if found defective upon inspection.

CAUTION

- Keep out of the reach of children
- Keep away from flames and sparks
- Indoors use only in a very well-ventilated area
- Use a fan to push the air out
- Keep container closed when not in use
- Store in a dry place between 10 °C and 30 °C
- Keep freshly painted items away from children, pregnant women, and people with respiratory problems
- For small indoor area application, it is recommended to wear a mask in order to avoid breathing difficulties, dizziness and headaches.
- Ensure good ventilation for 2 to 3 days or more, after the end of the application.

CONTACT YOUR MUNICIPALITY TO DISPOSE OF THE CONTAINER IN AN ENVIRONMENTALLY-FRIENDLY MANNER.