



New Guard Coatings Group

A global reputation to protect.

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

RUST-OLEUM®

INDUSTRIAL



6400 SHOPPRIMER WB



A basic water based anti-corrosion protection

- Up to 1 year corrosion protection outside
- Ideal for construction, storage and transportation
- Masks construction deficiencies
- 12 m² per litre (at 35 micron)
- Ideal for spray application

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

6400 SHOPPRIMER WB

DESCRIPTION

Water dilutable acrylic primer with anti corrosive pigments for the first anti-corrosion for construction, transportation and storage. Ideal for workshops and construction companies.

RECOMMENDED USE

RUST-OLEUM® 6400WB can be used on a wide variety of substrates like bare or blasted steel, galvanised steel, zinc, aluminium and steel protected by plastisol. RUST-OLEUM® 6400WB is primarily intended for brush application and can also be applied by roller and spray.

TECHNICAL DATA

Density (g/cm ³):	1,25 ± 0.03 kg/l
Gloss Level:	Matt
Solids content in volume:	35% ± 2%
Heat Resistance:	80°C (dry heat)

DRY TIMES BY 20° C/RV 50%

Touch dry:	30 minutes (20°C), 1 hour (10°C), 15 minutes (30°C)
Dry to handle:	1 hour (20°C), 2 hours (10°C), 30 minutes (30°C)
Dry to recoat:	1 hour (20°C), 6 hours (10°C), 1 hour (30°C)
Fully cured:	3 days (20°C), 5 days (10°C), 2 days (30°C)

RECOMMENDED WET FILM THICKNESS

100 µm

RECOMMENDED DRY FILM THICKNESS

35 µm

THEORETICAL CONSUMPTION

10 m²/l at 35 µm dry

PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Remove grease, oil, alkali residues and all other deposits. Remove loose rust, rust-scale and deteriorated coatings by scraping and wire brushing. Remove zinc salts with SURFA-ETCH 108® Etching Solution. Rinse with clean water. Tight rust scale and mill scale are most effectively removed by abrasive blasting. The surface must be clean and dry during application. Degrease and sand intact coatings to roughen the surface slightly.

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 10 and 35°C and relative humidity below 85%. The substrate temperature must be at least 5°C above dew point.

APPLICATION & THINNING: BRUSH

Sparingly, if required, with water. Use brushes based on a mixture of synthetic/natural bristles.

APPLICATION & THINNING: ROLLER

Sparingly, if required, with water. Use medium nap, 8-12 mm, woven acrylic or polyester rollers. Roller application may require 2 coats to achieve recommended dry film thickness.

APPLICATION & THINNING: AIRLESS SPRAY

Sparingly, if required, with water. Pneumatic and electric airless equipment. Tip size: 0.015-0.018 inch. Fluid pressure: 150 - 225 bar. Check wet film thickness, avoid excessive film thickness.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Sparingly, if required, with water. Gravity cup and pressure cup. Tip size: 1.2 - 1.8 mm. Atomising pressure: 2 - 4 bar.

CLEANING OF EQUIPMENT / SPILLS

Immediately after use with water and soap.

REMARKS

Maximum dry film thickness per coat: 50 µm dry, equals 150 µm wet.

SAFETY DATA

VOC level:	14 g/l
VOC ready mix:	14 g/l
VOC category:	A/i
VOC limit:	150 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C. Keep from freezing.

Date issued: 24/06/2022

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

Disclaimer: The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Rust-Oleum Europe be liable for consequential or incidental damages. Products must be stored, handled, and applied under conditions complying with Rust-Oleum Europe recommendations detailed within the latest copy of the product data sheet. It is the users responsibility to ensure that they have the current copy. Latest copies of the product data sheet is available for free and downloadable from www.rust-oleum.eu or upon a request to our Customer Services department. Rust-Oleum Europe reserves the right to change the properties of its' products without prior notification.

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