



OUR INNOVATIVE PRIMER BOOSTS PERFORMANCE AND REDUCES COSTS

Sherwin-Williams' Macropoxy 4600 is an innovative high solids, multi-functional epoxy zinc phosphate coating solution for the protection of carbon steel, stainless steel and galvanised surfaces. Formulated to be the optimum primer solution and meet the highest performance criteria while offering superior application, it also helps reduce costs right across the value chain. Specifiers, contractors and applicators looking to exceed the highest productivity expectations while improving efficiency and quality should also note the low levels of Volatile Organic Compounds (VOC).

BENEFITS

Proven outstanding performance

Lab tests prove Macropoxy 4600 has:

- Higher flexibility to overcome stress
- Greater impact resistance to reduce risks of damage during operations
- Excellent adhesion to substrates
- Outstanding edge retention compared with standard epoxy zinc phosphate solutions

Available worldwide with the same performance profile, Macropoxy 4600 is ideal for global specifications.

Designed with applicators in mind

- An optimised drying profile means you can recoat in 2 hours / handle in 3 (at 25°C)
- Confidently apply just a single coat
- Achieve more in the same day thanks to a higher spreading rate
- Reduce overall time per job by up to 50% compared with standard coating solutions

Most cost-effective solution

- High corrosion resistance and enhanced performance from time of application
- Extends the life of your asset
- Less waste and reduced shipping when using global Macropoxy 4600 and intermediate Macropoxy 2600 and shared thinner and hardener for the primer and intermediate

HIGHLIGHTS

High corrosion resistance with certified systems according to ISO 12944-6:2018 up to C5 on steel for two- or three-coat systems

The high film build and wide Dry Film Thickness range 75 – 250 µm allows to reduce the number of coats and simplify specifications

Optimised at low temperature for site applications up to -5°C

Compatible with FIRETEX® intumescent coatings

VOC is 216 g/L to meet stringent VOC requirements, even when thinned

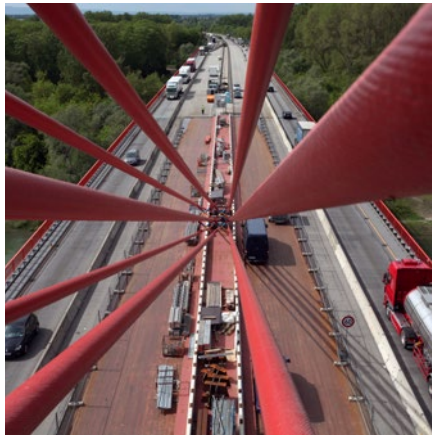
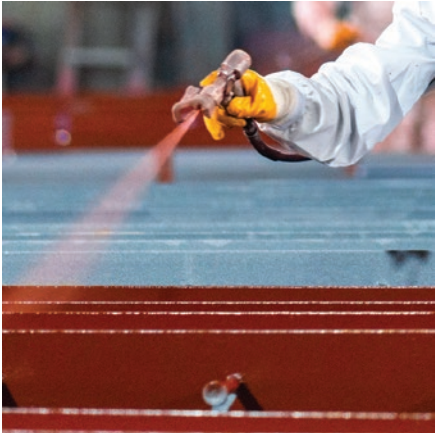
80% +/-3% volume solids

MACROPOXY® 4600

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RECOMMENDED USES

For use over properly prepared steel in industrial environments within these and other sectors:



Oil & Gas

- Tank Outside Diameter
- Pipeline Outside Diameter
- OEM Shops
- Structural Steel

Steel Fabrication

- Structural Support
- OEM Shops
- Atmospheric

Manufacturing

- Structural Support
- OEM Shops
- Atmospheric

MACROPOXY 4600 ATTRIBUTES

Adhesion	Flexibility	Direct Impact	Pencil Hardness	Edge Retention
>1450 psi/>10 Mpa	4%,180°, ¼" bend pass	6.8 Joules/ 60 in*lbs	4H	> 90%

SERVICE THAT STANDS OUT

Technical Service for Optimal Applications

Our technical service team comprises industry experts armed with manufacturer equipment training to ensure proficiency throughout the coating process.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems - including protective liquid and powder, fire protection and resinous flooring - excel at combating corrosion and help customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Bridge & Highway, Energy, High Value Infrastructure, Manufacturing & Processing, Marine, Rail, Power and Water & Wastewater.

SHERWIN-WILLIAMS®

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LOCAL CONTACT

