



Macropoxy™ 646

Multi-purpose Tolerant Epoxy for Heavy Duty Exposure

An universal polyamide cured epoxy coating that has become a symbol of performance and hassle-free user friendliness and surface tolerance in every industry and geography benefiting from its application. Globally available now, it serves a number of different industries for both new building and maintenance, atmospheric or water immersion services.

User Friendliness

Its 1:1 mix ratio, extended pot-life, fast drying, extended recoatability and outstanding film forming rheology makes Macropoxy™ 646 the product of choice for roller and brush application as much as for airless and conventional spraying when a trouble-free operation is the key for success.

Top Performance

Macropoxy™ 646 excellent penetration features enable good adhesion over a diversity of substrates as carbon steel, stainless steel or galvanized surfaces. Good film barrier, chemical and abrasion resistance make it suitable for high durability in an extended number of heavy duty applications.

Versatility

An epoxy barrier over zinc rich primers for new construction? Or a tolerant primer over marginally prepared carbon steel surfaces for maintenance projects? Why not an adhesion primer over galvanized or stainless steel? Or a tintable top coat for a perfect finish? Macropoxy™ 646 can be all that, contributing to reduce inventory and complexity, from specification to the field application.

Features

- Surface tolerance.
- Extended recoatability (1 year).
- 1:1 mix ratio, easy to mix in small quantities for spot repair maintenance situations.
- Fast drying and user friendliness.
- Optimal penetration and adhesion features.

Benefits

- Compatibility with marginally prepared surfaces.
- Adapting to project schedules without risking performance.
- Reduced material waste and lower incidence of mixing mistakes.
- Reduce cost and downtime.
- Universal use over a diversity of substrates as carbon steel or concrete, stainless steel or galvanized surfaces.



Key Applications

Macropoxy™ 646 success is linked with its unique combination of performance, user-friendliness and versatility. It has been covering an extended number of industries and services for new construction and maintenance projects, such as:

- Refineries
- Chemical plants
- Power plants
- Marine applications
- Offshore platforms
- Water & waste water.



The Sherwin-Williams Difference

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