

TDS 05 • PETROLATUM CORROSION PROTECTION SYSTEM

High-Tack Anti-Corrosion Primer

High-tack primer



SYSTEM ROLE • PRIMER

High-tack foundation coating for vertical and overhead wrapping work.

Product description

A hydrocarbon-based primer formulated to develop a higher initial tack than the standard grade. It is used with petrolatum tape where the substrate is vertical, overhead or otherwise difficult to hold the wrapping system in position during installation.

Typical system configuration



Zhuohuang systems are modular. The configuration above is typical for this product; components are added or omitted according to substrate condition, geometry, operating environment and project specification.

KEY CHARACTERISTICS

- High initial tack
- Suitable for vertical surfaces
- Brush or hand application
- Compatible with St2-prepared steel

TYPICAL APPLICATIONS

- Vertical steel details and tank shell transitions
- Tank annular plate and chime systems
- Flanges, fittings and overhead pipework
- Localised maintenance work

WHY IT MATTERS

Feature	What it means on site
High initial tack	Holds the wrapping system in position on vertical shells and overhead pipework while the crew works.

TYPICAL APPLICATIONS — FIELD PHOTOGRAPHS



Vertical tank shell detail



Flanges and fittings



Overhead steel details

Technical properties

Property	Typical / standard value	Test method
Model reference	P200	—
Specific gravity	0.91 kg/L	—
Coverage	5 m ² /kg	—
Solids content	> 70 %	—
Surface preparation	St2 or better	—
Installation temperature	0 °C to +50 °C	—
Maximum service temperature	+65 °C	—
Typical drying time	Approx. 60 minutes	—

Values are typical or standard configurations for the grade described and are not universal acceptance limits. Where a property is not listed, it is not declared for this grade in the source technical documentation. Confirm the applicable grade and project acceptance criteria before order.

Sizes and packaging

Size	Reference	Packing
2.5 L tin	—	—

Application

Step	Procedure
01	Clean and prepare the substrate to St2 or better.
02	Condition or stir the material if required by the ambient temperature.
03	Apply a thin, continuous film by stiff brush or gloved hand.
04	Work the material into pits, welds and irregular details.
05	Proceed with mastic and tape while the primed surface is in the specified condition.

STORAGE

Store sealed in the original packaging in a cool, dry, ventilated place, away from direct sunlight, open flame, strong heat, strong oxidising agents and sources of ignition. Keep clear of contamination. Unopened material can be stored long-term at ambient temperature.

HEALTH AND SAFETY

The products in this range are not classified as dangerous goods for supply. Wear grease-resistant gloves and avoid contact with the eyes. Wash hands with soap and water after handling. Combustion releases carbon monoxide and hydrocarbon by-products. Consult the product safety data sheet before use; it is supplied on request.

WASTE

Avoid or minimise waste wherever possible. Do not discard waste material, including packaging, in the surrounding environment. Follow all applicable disposal legislation.

DISCLAIMER

The information in this document is based on Zhuohuang product records, manufacturer data and third-party test reports available at the date of issue. Values are typical or standard configurations and are not universal acceptance limits. Product performance depends on substrate condition, surface preparation, geometry, operating temperature and exposure. Confirm the applicable grade, current packaging, project acceptance criteria and the relevant safety data sheet before order and application.

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