Technical Data Sheet (TDS) | Water-Based Steel Structure Coating (SD-AR502)

DEMO / SAMPLE DOCUMENT — NOT FOR SAFETY OR PROCUREMENT DECISIONS

Document status	DEMO SAMPLE / NOT VALIDATED
Issue	2026-10-28 (demonstration)
Manufacturer / brand	SISDIN (based on public product descriptions)
Technical values	Actual test reports and finished-product assessment required
Product	Water-Based Steel Structure Coating (SD-AR502)
Category	structural steel / steel members
Published packaging	20 kg/pail
Original public reference	https://www.sisdin88.com/pro/detail-1.html

1. Product overview

Water-based coating intended for steel frames, beams, bridges and cast iron components.

Publicly described composition: Modified epoxy resin and anti-rust additives; primer and topcoat are described.

2. Typical applications

steel frames, beams, bridges and cast iron components

3. Product characteristics

Corrosion protection and adhesion are described by the original manufacturer. Quantified salt-spray hours, adhesion grades, VOC data, solids content and coating life have not been independently confirmed.

4. Application guidance

Clean dust, loose rust and old coating before application. Brush, roller or spray; site conditions must be checked.

Final substrate preparation, dilution, film thickness, coverage and recoat conditions must follow approved product-specific TDS and field trials.

5. Packaging / storage

Packaging: 20 kg/pail.

Protect from freezing and contamination; confirm shelf life against specific shipment batch.

6. Technical data table — demonstration placeholders

Appearance / color: as specified by order (confirm).

Density, viscosity, solid content, VOC, theoretical coverage, dry-film thickness, drying/recoat times, adhesion, salt-spray resistance: TO BE CONFIRMED by laboratory or approved TDS.

7. Source and document limitations

Product description reference: https://www.sisdin88.com/pro/detail-1.html

This is not an approved technical data sheet.

Source-derived descriptive information is based on sisdin88.com product pages. Missing test values, regulatory classifications and laboratory results are intentionally not fabricated. Replace this example with a reviewed document before external use.