

INDUSTRIAL COATING / PROJECT SELECTION SHEET

ZINTEX PRIME ES-1117

two-component ethyl silicate primer developed for carbon steel in bridges and structural steel.

Product family	Industrial primers
Material type	Ethyl silicate primer
Binder family	Ethyl silicate
Components	Two-component
Suitable substrates	carbon steel
Typical project contexts	bridges and structural steel, oil and gas facilities, marine and port infrastructure
Supply format	Coordinated kit

Selection and specification

Specify the exposure, surface-preparation standard, target coating system, colour, application method and destination. ZINTEX will confirm whether PRIME ES-1117 fits the project or propose a made-to-order alternative.

- | State the service environment, exposure type and expected maintenance interval.
- | Provide substrate condition and the required surface-preparation standard.
- | Specify application equipment, site conditions, colour and finish requirements.
- | Confirm destination, order volume, packaging, labelling and documentation needs.

Application parameters

Surface preparation, mixing ratio, induction time, application viscosity, nozzle selection, dry-film thickness, theoretical spreading rate, drying time, overcoating interval and temperature window are confirmed in the approved project specification and batch documentation. Do not select these values by analogy with another product.

System compatibility

Use ZINTEX PRIME ES-1117 only within a technically reviewed coating system. Compatibility with primers, intermediate coats, topcoats, thinners and previously applied materials must be confirmed before work begins.

Safety, storage and transport

Professional industrial use only. Obtain the current Safety Data Sheet before handling. Follow local occupational, fire, environmental, packaging and transport requirements. Keep containers closed and store them under the conditions stated in the batch documents. Shelf life is confirmed for the supplied batch.

Manufacturer and export enquiries

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Document TDS-INT-PRIME-ES-1117-01. International English revision 2026-08-27. This sheet supports preliminary product selection and is not a certificate, declaration, warranty or standalone application instruction. Commercial and technical terms are valid only when confirmed in the quotation and approved documentation for the order.