

INDUSTRIAL COATING / PROJECT SELECTION SHEET

ZINTEX THERM ES-1013

two-component ethyl silicate heat-resistant coating developed for carbon steel in bridges and structural steel.

|                          |                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------|
| Product family           | Heat-resistant coatings                                                                    |
| Material type            | Ethyl silicate heat-resistant coating                                                      |
| Binder family            | Ethyl silicate                                                                             |
| Components               | Two-component                                                                              |
| Suitable substrates      | carbon steel                                                                               |
| Typical project contexts | bridges and structural steel, oil and gas facilities, industrial fabrication and equipment |
| 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 THERM ES-1013 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 THERM ES-1013 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-THERM-ES-1013-01. 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.