Linkium SC100

FEVE Solid-colour Topcoat

FEVE coating system

Version 1.0 | 11 November 2026

An ambient-curing FEVE fluorocarbon topcoat for solid-colour protective coating systems on steel structures.

Coating material data

Property	Reference value	Conditions
Coating appearance	Uniform dispersion in assorted colours	Product appearance reference.
Flow-cup efflux time	≥22 s	Tu-4 flow cup, 25 °C.
Solids content	≥45%	General table value; shade-specific limits apply to pigmented finishes.
VOC content	≤650 g/L	Method and calculation basis are not listed.
Gloss selection	To customer requirement	Gloss is selected for the project.

Applications

- Solid-colour protective finishes on steel structures.
- Compatible protective coating builds for outdoor steel and construction applications.

Coating system selection

Reference film data use a three-layer system: primer / intermediate / topcoat.

Epoxy zinc-rich primer + ambient-curing fluorocarbon topcoat; or epoxy zinc-rich primer + epoxy micaceous iron-oxide intermediate + topcoat, with an optional clearcoat.

Primer + intermediate + ambient-curing fluorocarbon topcoat. Putty may be added or the intermediate coat omitted depending on the actual application.

Reference coating-system data

Reference film data use a three-layer system: primer / intermediate / topcoat.

Property	Reference value	Conditions
Surface-dry time	≤1 h	25 °C; stated coating system.
Hard-dry time	≤24 h	25 °C; stated coating system.
Dry-film appearance	Uniform colour and a level film	Stated coating system; see system notes.
Pencil hardness	≥2H	Stated coating system; see system notes.
Cross-cut result	≤1 grade	Stated coating system; see system notes.
Impact strength	50 kg·cm	Stated coating system; see system notes.

Film-property results relate to the stated system. Film thickness, substrate preparation and complete conditioning details are defined for the project.

Surface-dry and hard-dry times are not full chemical-cure or return-to-service times.

For black, phthalocyanine-green and phthalocyanine-blue single-colour topcoats, the reference minimum solids content is ≥30%. Agree a shade-specific solids target for blends using these colours.

Grade selection

Select the coating build for the substrate, exposure, shade/gloss and application equipment. Agree surface preparation, film thickness, mixing, recoating and full-cure requirements for that project; the reference film data apply to the stated test system.

Packaging and handling

The selected pack, quantity and delivery terms are confirmed with the order.

Consult the current product-specific SDS for handling, storage and transport. Shelf life and regulatory suitability are confirmed for the selected grade and destination.