



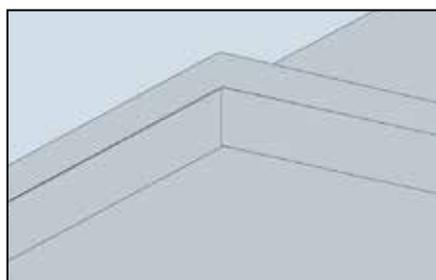
INDEVER SP

TOLUENE FREE FORMULA

QUICK-DRYING BITUMINOUS PRIMER WITH A PURE SOLVENT BASE

CHARACTERISTICS		ENVIRONMENTAL		METHOD OF USE				PRECAUTIONS
ONE-COMPONENT	SOLVENT BASED	ECO GREEN	TOLUENE FREE	CHLORINATED SOLVENT FREE	MIX MECHANICALLY	SPRAY APPLICATION	APPLY BY BRUSH	APPLY BY ROLLER

INCREASES THE ADHESION OF POLYMER-BITUMEN MEMBRANES AND STOPS DUST FORMING ON CONCRETE SUBSTRATES



Prevent dust forming and porosity on concrete with a highly-penetrative and quick-drying product to allow fast laying and for waterproofing surfaces for polymer-bitumen membranes.

Description

A quick-drying bituminous primer consisting of a mix of bitumens and solvents. **The product consists solely of pure solvents and is Toluene-free.** It does not contain any recycled solvents of uncertain and variable composition that could be strongly toxic or even produce narcotic effects during application.

It has good penetrating, gripping and consolidating power on all dry concrete surfaces preparing them for the correct adhesion of polymer-bitumen membranes either heat-bonded or with cold-bonding bituminous adhesives. Once dried it forms a very firm and anchoring film on all types of substrate, without any surface stickiness.

The bituminous film formed by **INDEVER SP** protects surfaces from water, including brackish water, and from chemical attack by acids, bases, saline solutions and humic acids. For this reason bituminous paints are traditionally applied as the most economical rustproofing protective paints. On metal surfaces it forms a very firm and anchoring film, without any surface stickiness.

Application Fields

INDEVER SP saturates the porosities in cement laying surfaces and fixes surface dust, thereby allowing optimal adhesion of both heat-bonded polymer-bitumen membranes, melted bitumens, glues and solvent-based liquid bituminous membranes. It acts as a primer for metal and wood surfaces too, enabling the permanent

adhesion of bituminous coatings applied either hot or cold.

INDEVER SP is used as a primer, before laying polymer bitumen membranes, to prepare flat and sloping concrete or metal roof surfaces as well as viaducts and bridges in dry concrete. For slightly damp concrete surfaces the **INDEVER WET CONCRETE** version is recommended.

It is used as an adhesion promoter and a consolidating fixing primer for surfaces in cement, wood and metal. It is also used as a rustproofing agent commonly known as "coal tar" and traditionally used to protect metalwork, including underground metalwork, once it has been suitably degreased with nitro thinner and any existing rust has been ground off; this is why it is used to protect pipelines, gutters, posts and metal tanks both above and below ground.

Advantages

- Greater eco-sustainability and reduction of substances harmful to the environment and to humans.
- No residual oily surface substances.
- Very low consumption for greater coverage.
- Quick application: the very quick drying time together with no dry film stickiness cuts down application time.
- Strong impregnating power.
- Good adhesion on substrates in cement, brick and metal.
- Excellent water resistance including to brackish water and saline solutions.
- Good chemical resistance to acids, bases and humic acids.

Method of use

• SUBSTRATE PREPARATION

For a successful outcome, all the concrete surfaces to be treated must be as dry as possible; they must also be perfectly clean, without any detached parts, free from oil, grease and surface dust.

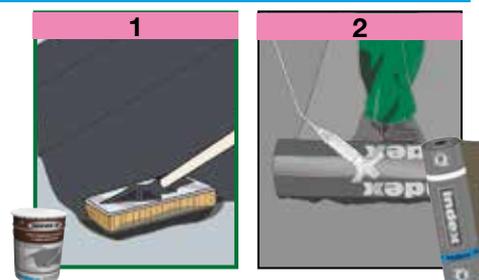
• APPLICATION

INDEVER SP is ready to use and does not need to be diluted. Apply with a large brush, paint brush, roller or spray gun (1).

The quantity of product to be applied depends on the porosity of the surface and the level of finish of the dried film you wish to obtain.

Two coats are recommended when used as a protective product. The second coat must be applied when the first coat is completely dry. Polymer-bitumen membranes are applied to concrete surfaces treated with primer (2), after

(See following)



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A SIKA COMPANY



3rd DIVISION

TECHNICAL CHARACTERISTICS

	Standard	INDEVER SP
Appearance		Liquid
Colour		Black
Density	EN 2811-1	1.00 ± 0.10 kg/L
Dry residue - at 130°C	UNI EN ISO 3251	60 ± 5%
DIN 4 cup viscosity	UNI EN ISO 2431	25 ÷ 35 seconds
Flammability point - closed container		+23°C
Storage in original packaging in a dry place		24 months
Mix characteristics and workability	Standard	
Application temperature		+5°C ÷ +35°C
Minimum application thickness		80 ÷ 120 µ
Waiting time - for dust-free drying (*)		5 ÷ 15 minutes
Waiting time - till tack-free drying (*)		15 ÷ 45 minutes
Application		manual or spray

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These parameters may vary based on the specific conditions of the worksite: temperature, humidity, ventilation, porosity of the substrate.**

(*) The times indicated will be longer or shorter as the temperature drops or rises.

(See previous)

a period of time that can vary from a minimum of two hours (in situations where there is excellent exposure to the sun) to eight hours in more critical conditions to allow the bitumen paint film to dry completely. The second coat, if necessary, must only be applied once the first coat is completely dry.

• COVERAGE

The estimated coverage is about 150-300 g/m² depending on the porosity of the substrate, whereas on a metal surface it is about 150 g/m² per coat.

• PRECAUTIONS

- If the weather conditions (e.g. temperature, humidity etc.) are suitable, it's recommended to use water-based ECOVER instead of INDEVER SP on roofs of residential buildings.
- For application to slightly damp concrete surfaces the INDEVER WET CONCRETE version is recommended.
- Do not use inside homes or in non-ventilated environments.
- Do not apply to wet surfaces.
- Do not mix with cement or water
- If any product is left at the bottom of the cans, stir until it is fully mixed before use.
- Do not use to waterproof tanks, cellars or channels subject to strong water backflow or pressurised water.
- Do not use to waterproof surfaces or containers where consumable liquids and drinking water are kept or which may come into contact with solvents or mineral oils.
- The dry film is not resistant to fuels, mineral

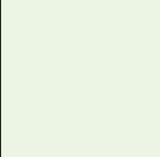
oils and solvents

- After use clean tools using diesel or other common thinners (synthetic, white spirit or nitro thinner). Tools should also be left in thinners during use, to prevent any product residue drying and making the tools unusable.
- Store in original packaging at temperatures above +5°C away from sources of heat and naked flames. Close the containers again after use.

Packaging

20-L Pail
5-L Pail

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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