



INDEVER

BITUMINOUS SOLUTION CONTAINING BITUMEN AND QUICK-DRYING SOLVENTS

INDEVER MOTORWAYS

BITUMINOUS SOLUTION CONTAINING BITUMEN AND QUICK-DRYING SOLVENTS IN ACCORDANCE TO MOTORWAYS SPECIFICATIONS, SUITABLE FOR APPLICATION ON SLIGHTLY DAMP SURFACES

PROBLEM

To block the effects of dust and minimise concrete porosity with a highly penetrating, quick-drying product which allows rapid waterproofing of the surface using polymer-bitumen membranes.



DESCRIPTION

INDEVER is a bituminous primer made of a compound of solvents and oxidised bitumens. If applied as a thick waterproofing paint, when dry, **INDEVER** produces a film with a strong anchorage on every type of substrate without any degree of superficial stickiness. It also has excellent penetrating, adherence and consolidation properties when applied to dry concrete surfaces. **INDEVER MOTORWAYS** is a bituminous primer made of a compound of oxidised bitumens, solvents and selected additives to improve anchorage, even on damp concrete surfaces. **INDEVER MOTORWAYS** complies with motorway technical specifications for applications on concrete bridges and viaducts before polymer-bitumen membranes are installed.

FIELDS OF USE

INDEVER is suitable for saturating cement decks in addition to preparing an excellent anchorage for liquid bituminous waterproof coverings or prefabricated polymer-bitumen membranes.

INDEVER fixes superficial cement dust providing excellent adhesion for waterproofing layers which require a strong and permanent adhesion to the support. **INDEVER** is specifically used for applications on

dry concrete viaducts and bridges before the application of polymer-bitumen membranes. **INDEVER** is used as a waterproofing paint on cement foundation walls, as a fixative and consolidating primer for surfaces in cement, timber and metal. Furthermore, **INDEVER** is used to protect and waterproof pipes and metal tanks or pipes both outdoors or underground.

INDEVER MOTORWAYS can be used for all of the same applications as **INDEVER** primer but also specifically on slightly damp surfaces.

COVERAGE

The estimated yield on concrete surfaces is roughly 350-500 g/m², while on metallic surfaces the yield is roughly 200-300 g/m².

PRECAUTIONS

- Do not apply **INDEVER** and **INDEVER MOTORWAYS** on wet or very damp surfaces.
- Do not mix **INDEVER** and **INDEVER MOTORWAYS** with cement or water.
- Apply a second coat of **INDEVER** or **INDEVER MOTORWAYS** when the first coat is perfectly dry.
- In the presence of sediment in the cans, we recommend mixing **INDEVER** and **INDEVER MOTORWAYS** well before

use, until the product is totally homogenised.

- Store **INDEVER** and **INDEVER MOTORWAYS** in the original containers, away from heat sources and naked flames.
- Do not use **INDEVER** and **INDEVER MOTORWAYS** to waterproof tanks, cellars or drains subject to high water counterthrust or to water under pressure.
- Do not use **INDEVER** and **INDEVER MOTORWAYS** to waterproof surfaces or containers in contact with liquids for human consumption, drinking water or which may come into contact with solvents or mineral oils.

SAFETY REGULATIONS

- **INDEVER** and **INDEVER MOTORWAYS** are highly flammable and harmful if they are inhaled or come into contact with the skin. Do not breath the fumes of the product and work only in well ventilated environments.
- **INDEVER** and **INDEVER MOTORWAYS** are flammable. We therefore recommend the use of gloves and strict observance of the precautions envisaged for the use of flammable products. In particular, do not use these products near naked flames or sparks and do not smoke while applying the products.

METHOD OF USE

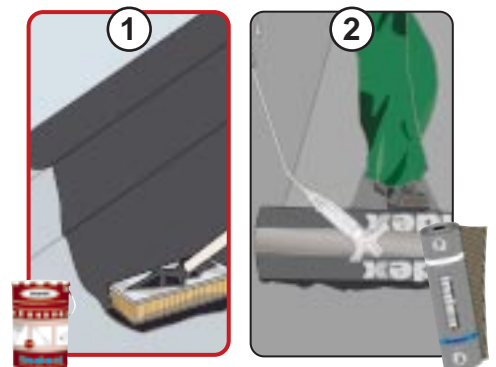
• SUBSTRATE PREPARATION

For the best results, the concrete surfaces to be treated should be as dry as possible when using **INDEVER** primer and slightly damp when using **INDEVER MOTORWAYS** primer. All surfaces must be perfectly clean and free from loose particles, oil, grease and dirt.










• APPLICATION

INDEVER primer is ready to use and does not need diluting; it can be applied by brush, broom or spray (1). The quantity of **INDEVER** primer to be used depends on the


porosity of the surface and the type of finish required on the surface being treated. Polymer-bitumen membranes can be applied after a drying time which varies from a minimum of three hours, when the surface is exposed to the sun, up to a maximum of eight hours in adverse conditions (2). This in order to allow the bituminous paint film to dry completely.





TECHNICAL CHARACTERISTICS


| | INDEVER | INDEVER MOTORWAYS |
|--|----------------------------------|----------------------------------|
|  Appearance | Liquid | Liquid |
|  Colour | Black | Black |
|  Specific weight (volumetric mass) at 23°C (UNI 8910) | 0.94 ± 0.06 kg/litre | 0.97 ± 0.06 kg/litre |
|  Dry residue at 130°C (UNI 8911) | 40 ± 3% | 50 ± 3% |
|  Drying time <ul style="list-style-type: none"> • dust dry • touch dry | 30-60 minutes 100-140 minutes | 30-60 minutes 100-140 minutes |
|  Viscosity DIN/4 at 23°C (UNI-EN-ISO 2431) | 12-17 seconds | 20-25 seconds |
|  Benzene | <0.1% | <0.1% |
|  Closed flash point | >+21 °C | >+21 °C |
|  Shelf life in the original containers | 24 months | 24 months |


ring the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.



A
ONE-COMPONENT



S
SOLVENT-BASED



MIX
MECHANICALLY


SPRAY
APPLICATION


APPLY
BY BRUSH


APPLY
BY ROLLER


+5°C
MINIMUM APPLICATION
TEMPERATURE


D.P.I.
WEAR PROTECTIVE
CLOTHING

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX S.p.A. at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Consult

ADVANTAGES

- **Rapid drying film.**
- **Excellent adhesion.**
- **Absence of stickiness**
- **High penetration.**

PRODUCT



PACKAGING

INDEVER
 180-litres drums.
 20-litres pails.
 10-litres pails.
 5-litres cans.

INDEVER MOTORWAYS
 180-litres drums.
 20-litres pails.

• 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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Construction Systems and Products

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