

# INDECOLOR SV

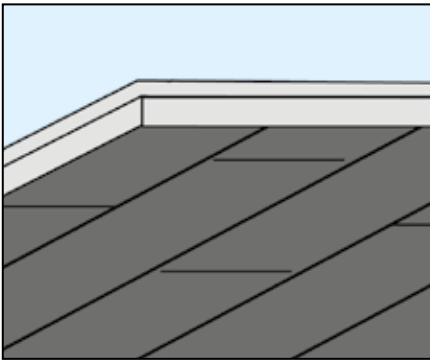
SOLVENT-BASED PROTECTIVE AND DECORATIVE PAINTING FOR BITUMINOUS WATERPROOFING



CHARACTERISTICS		ENVIRONMENTAL	METHOD OF USE				PRECAUTIONS
<b>S</b> SOLVENT BASED	<b>A</b> ONE-COMPONENT		 MIX MECHANICALLY	 SPRAY APPLICATION	 APPLY BY BRUSH	 APPLY BY ROLLER	

## PROBLEM

**HOW TO PROTECT POLYMER-BITUMEN MEMBRANES AGAINST DETERIORATION CAUSED BY UV RAYS**



Protection and decoration of waterproofing made up of bituminous coverings or of aged and deteriorated polymer-bitumen membranes, even on the flat.

## SOLUTION

INDECOLOR SV is a ready-to-use solvent-based product with special synthetic resins that form a film, which accompanies the deformation and expansion movements of the waterproofing materials on which it is applied. It offers efficient resistance to abrasion caused by normal foot-traffic and atmospheric agents. The painted film reflects sunrays and contributes in appreciably thermally insulating the parts protected.

The solvent-based formulation accelerates the drying of the film and makes the product usable also at typical low winter temperatures.

## APPLICATION FIELDS

INDECOLOR SV is used to paint and protect waterproof coverings consisting of prefabricated polymer-bitumen membranes of the sand or slate-treated type or with texflamina finish and bituminous waterproofing applied cold, also in the presence of occasional stagnating water. Furthermore, when it is applied on slate-treated membranes, it protects and fixes the grit on their surfaces, preventing it from detaching, consequently increasing the membranes' service life.

## ADVANTAGES

- The film dries rapidly.
- It accompanies expansion movements of the bituminous coverings, even if they are subjected to considerable thermal changes.
- The solvent used does not remove the bitumen of the membranes.

## METHOD OF USE

### • PREPARING THE SUBSTRATE

Surfaces must be clean, dry and free from impurities or old paint.

### • APPLICATION

INDECOLOR SV is ready to use. It must be mixed thoroughly before application (1); It does not need to be diluted for applying with a brush or roller. If required and in order to clean tools, use nitro or synthetic thinner (about 10%). For applying with a sprayer, we recommend diluting for both coats; use nitro or synthetic thinner with a percentage of between 10 and 20%. The second coat is applied once the first coat has dried, at least 3 hours later. **It is always recommended to apply at least two crossover coats**, with the consumptions indicated below. The product can be applied with a brush, roller, or spray gun (2). INDECOLOR SV is more resistant to stagnant water than common paints in aqueous emulsion. In any case the surfaces must be pitched sufficiently to drain rainwater. Over time, as well as reducing the adhesion of the paint, stagnant water leads to the accumulation of dirt and hence a reduction in the

reflectance and performance of the photovoltaic panels. To keep the reflectance and therefore the efficiency high, periodic maintenance of the surfaces is recommended, with a visual inspection and removal of the dirt by washing with a water jet cleaner. For application on metal sheet roofs, apply a coat of JOINT DECK gripping primer first, according to the methods indicated in the relative technical data sheet.

When applying on concrete, any holes, cavities or cracks must be evened up using RESISTO UNIFIX mortar.

Apply a first coat insulating sealant, diluting the product with 30% of water. If the surfaces are particularly porous and powdery, apply PRIMER FIX or BETON PRIMER S acrylic primer, as detailed in the respective technical data sheets. The application on curved or other roof tiles will follow the same procedures as for concrete, and in this case a spray application is recommended.

To improve mechanical resistance in areas subject to greater stress or in the presence of cracked surfaces, it is advisable to apply a

reinforcement sheet of non-woven polyester RINFOTEX fabric (60 g/m<sup>2</sup>) between one coat of INDECOLOR SV and the other.



## TECHNICAL CHARACTERISTICS

	Standard	INDECOLOR SV	
Appearance		Liquid	
Colour		White RAL 9010	Grey RAL 7038
Density	EN 2811-1	1.35 ± 0.10 kg/L	
Dry residue - at 130°C	UNI EN ISO 3251	65 ± 5%	
DIN 4 cup viscosity	Met. Interior	80 ÷ 100 seconds	
Flammability point - closed container	ASTM D 3828-87	> +23°C	
Storage in original packaging in a dry place		12 months	
<b>Workability characteristics</b>			
Application thickness		0.2 ÷ 0.4 mm (two coats)	
Waiting time - for dust-free drying (*)		approx 30 ÷ 60 minutes	
Waiting time - till tack-free drying (*)		approx 1 ÷ 2 hours	
Waiting time - for applying each coat over the previous one (*)		min. 3 hours	
Waiting time - for total dry (*)		approx 12 ÷ 24 hours	
Application temperature		+5°C to +35°C	
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)

### • COVERAGE

The consumption depends on the type and porosity of the support. The consumption per coat, on aged smooth membranes is about 200÷300 g/m<sup>2</sup>, whereas on slated membranes, it is about 350-450 g/m<sup>2</sup>.

### • PRECAUTIONS

- It can be applied on surfaces subject to the occasional presence of stagnating water. The waterproofing must however be arranged appropriately to drain rainwater efficiently.
- Do not apply on wet or damp surfaces.
- Do not use for tanks, cellars or drains subject to high water counterthrust or to water under pressure.
- Do not use the product for surfaces or containers in contact with liquids for human consumption, drinking water or which may come into contact with solvents or mineral oils.
- It is not advisable to apply on SBS-based polymer-bitumen membranes.
- Mix the product well before applying.
- Do not mix with water.
- Keep the containers sealed before use.
- Apply at temperatures between +5°C and +35°C. Extreme conditions of heat and cold must be avoided during application. Do not apply if the temperature is likely to drop below +5°C while the paint film is drying. Do not apply on very hot substrates because the paint filming process would be unduly accelerated with negative consequences on

the cohesion and adhesion of the product to the substrate.

- Although they are solvent-based products, do not apply them when there is a risk of rain while the film is still drying.
- In foggy or very humid environments the formation of the film and hence the drying of the material takes longer. High thicknesses and dilutions can also increase drying time.
- Apply the second coat only when the first coat is perfectly dry.
- It is not a product that can be walked on except for occasional maintenance.
- New, just applied bitumen surfaces usually have surface 'outcrops' of hydrocarbons, which make perfect adhesion of the paint film a problem. We recommend painting the coatings only 6 months after laying - this period is usually sufficient to eliminate dirt. However, just waiting is not always enough. Therefore, we recommend making an estimate, by empirical tests with adhesive tape, in order to evaluate the quantity of dirt and, if necessary, the adhesion of the paints (the tests are described in the booklet entitled "The waterproofing guide"). If the surface is dirty, clean by brushing and washing with water. If applying to a new covering, the surface of the last layer must be slated.
- The product applied onto polymer-bitumen membranes placed on insulation packs, may over time form surface micro-cracking. This, however, will not affect the waterproofing in any way.
- After use, clean tools with white spirit or

common thinners.

- Store in original packaging, away from heat sources and naked flame, as it is a flammable product.

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.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX 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. Considering

## PACKAGING

20-kg 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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			UNI EN ISO <b>9001</b>	UNI EN ISO <b>14001</b>	socio del GBC Italia	