



**SOPREMA**

Bituminous waterproofing solutions



vapour barrier  
liquid  
primer and adhesive  
waterproofing

sopravap 3 in 1

**SOPREMA**  
GROUP

# 3 in 1 effectiveness



## **SOPRAVAP 3 IN 1: PRIMER, VAPOUR BARRIER AND ADHESIVE FOR INSULATION**

To meet the requirements imposed on modern worksites such as fast-curing, easy application and reliability, **SOPREMA**'s Research and Development Centre has developed **Sopravap® 3 in 1** a 2-component, liquid vapour-barrier on polyurethane that performs 3 functions: primer, vapour control layer and cold-applied adhesive.

**Sopravap® 3 in 1** combines flexibility, safety and simplicity of a liquid solution with the technology of a patented process approved by Technical rules installation specifications, with one major aim: to reduce implementation time!

# sopravap®<sup>®</sup>

### **INTENDED USE**

- The **Sopravap® 3 in 1** process is intended to be apply on any type of accessible and inaccessible roof-terraces, in both new and renovation works.
- **Sopravap® 3 in 1** can be applied to the main surface with most of the insulation boards on the market on load-bearing masonry or wood derivative panels or over existing waterproofing.
- **Sopravap® 3 in 1** is suitable only for low and medium hygrometry buildings.



## SOPRAVAP® 3 IN 1

### + Easy implementation

The different stages involved in applying a primer, a vapour-barrier and adhesive are replaced by a single operation: the application of **Sopravap® 3 in 1**. All that is required is a mixer and a notched scraper, which ensure the thickness of the layer to be applied. Laying the insulation panels, directly on top of **Sopravap® 3 in 1**, is also very simple and it is not likely to slip.

### + Optimum safety

**Sopravap® 3 in 1** is a flame-free process enabling the main surface and upstands coated with **Alsan® Flashing®** to be treated in total safety, especially when there is a fire risk on site. For instance when working on a timber substrate, near an air extraction, on upstands under a roof overhang, at the bottom of wall cladding, under an inflammable cupola, etc.

### + Considerable time saving

By reducing implementation to a single operation, **Sopravap® 3 in 1** saves precious time on the worksite. It is 3 times faster to apply than traditional process. Furthermore, **Sopravap® 3 in 1** can also be used to treat a concrete upstand 6 cm above the level of the insulation if the upstand is coated with **Flashing®**.

### + Technical team support

**SOPREMA's** departments stay at customers' disposal to give advice on use of the product and technical assistance.



# 3 in 1

## APPLICATION: SOPRAVAP® 3 IN 1 IN 3 STEPS



### 1 Mix the 2 components together

Pour the content of component B into component A and mix thoroughly for 3 minutes using an adapted mixing device (pneumatic drilling machine or suitable mixer).

Ensure that a proper homogeneity of the mixture is obtained.



### 2 Surface must be clean and dry.

The product will be applied with a metal/rubber notched scraper (7mm) to ensure the correct thickness (consumption: 2 kg/m<sup>2</sup>).

When laying the system, the temperature must be between + 5°C and + 35°C.



### 3 Lay the insulation panels in staggered rows. Press lightly the joints together.

Tips: draw a line of about 3 x 4 m on the substrate and pour the content of the can to make sure you laid the necessary quantity (25kg can).

Keep away from fire or heat sources during application. See the Safety Data Sheets.

## CHARACTERISTICS

<b>Physical state:</b>	
- component A	- Viscous, aluminium-coloured paste
- component B	- Black liquid
<b>Drying time :</b>	
- lifespan in container	- 30 minutes (at 20°C)
- trafficable	- 2 hours (at 20°C)
<b>Dry extract:</b>	
- component A	- 92%
- component B	- 82%
<b>Viscosity:</b>	
- component A	- 500 Po* (at 20°C)
- component B	- 30 Po* (at 20°C)
<b>Density:</b>	
- component A	- 1,20
- component B	- 0,85
<b>Flash point:</b>	
- component A	- 48°C
- component B	- 30°C
<b>Volume mass of dry film</b>	- 1,20 g/cm <sup>2</sup>
<b>Permeability of film</b>	< 9,10 <sup>-5</sup> g/m.h.mmHg Sd = 1000 m

\*Approximate value

## PACKAGING & STORAGE

**Sopravap® 3 in 1** is delivered in a kit containing a 25 litres fully opening bucket for component A, and a 5 litres can for component B. The total weight of the kit is 25 kg.

- Storage: 6 months in a cool, dry area with original, unopened container. Component B can will be turned upside-down for storage.
- Store on site at a temperature between 10°C and 30°C.



## SOPREMA GROUP at your service

Looking for a sales contact in order to discuss a future project or a project that is under way? Any questions about the implementation of our product range?

Contact Soprema Export Department

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