

alsan
by SOPREMA



**INSTALLATION
INSTRUCTIONS**

ALSAN VAPOREX SEAL

SOPREMA
GROUP

ALSAN VAPOREX SEAL

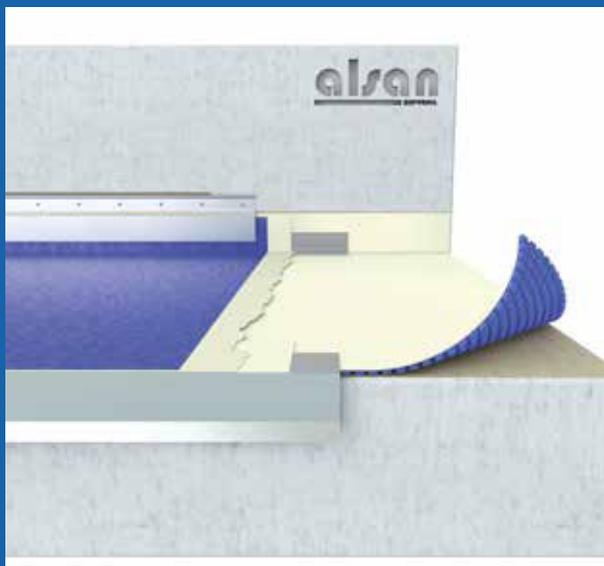
ALSAN VAPOREX SEAL FOR BALCONIES

Rapid and straightforward refurbishment for older surfaces exposed to water.

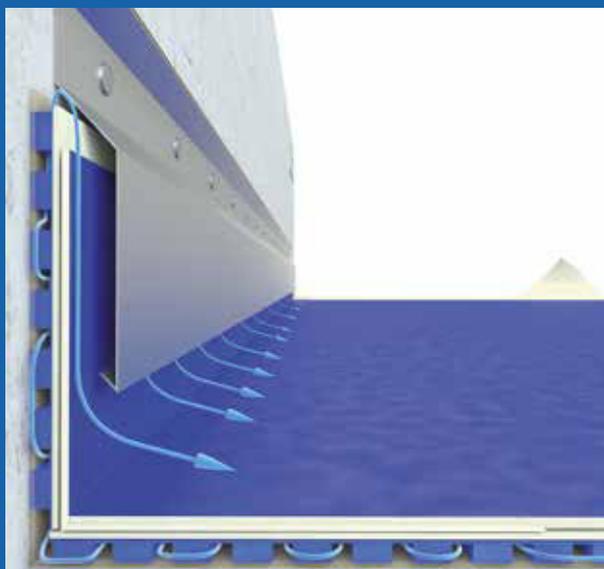
Adverse weathering influences and mechanical stress coupled with high aesthetic demands - liquid resins rise to these challenges in balcony applications and deliver the best possible waterproofing and surfacing solution.

ALSAN VAPOREX SEAL is one of the variants available for balcony refurbishment and represents **a fast and straightforward solution** where surfaces in older housing stock are exposed to water. When **ALSAN VAPOREX SEAL** is installed on flat balcony areas, for instance, the water vapour and the resultant vapour pressure can diffuse out through the texture of the matting and concealed edges. At the same time a new waterproofing layer is installed on the surface.

The edges of the matting and the upstands are now connected and the area is ready for the individual wear and protective layer to be installed.



Particular attention must be paid to junctions and edges when installing **ALSAN VAPOREX SEAL**. Special measures are required to ensure that moisture from the substrate can escape. Suitably shaped sheet-metal profiles, e.g. as cover strips or inlet plates, create the ideal cross-section for ventilation.



The Vaporex mat can also be installed at upstands. On horizontal surfaces the matting is bonded to the substrate by strip with **ALSAN 074** (surfacers) and a minimum height of 120 mm. This creates a ventilation level and the cover strip allows ventilation to occur.

The junction is waterproofed with **ALSAN 770 TX**, the product that is also used for the joints between mats on flat areas. If the area is bordered by eaves, the junction with the wall can be coated directly with **ALSAN 770 TX**. In this case ventilation is provided by special inlet plates incorporated into the surfacing.

INSTALLATION OF ALSAN VAPOREX SEAL



1. All tiles are removed and the substrate is prepared by grinding.



2. ALSAN 170 primer is applied strip by strip to fix the Vaporex mat in position. The strip-by-strip application allows the moisture from the substrate to escape and diffuse out via the texture of the matting..



3. The Vaporex matting is installed and the ventilation profiles fitted in position so that moisture can escape.



4. The joints between the mats are bonded together with **ALSAN 770 TX** including the special fleece; details and junctions are integrated.



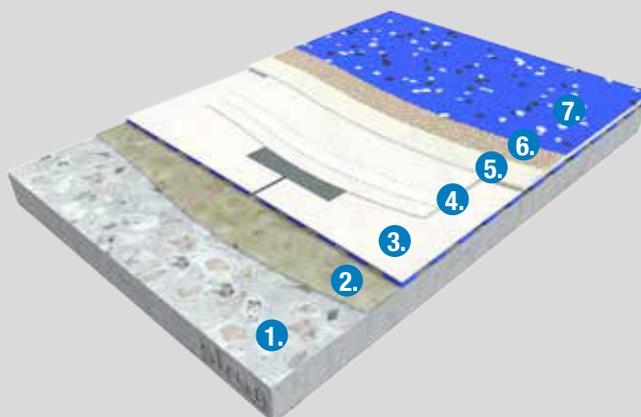
5. For the wearing layer, **ALSAN 870 RS** self-levelling mortar is applied to the main area and **ALSAN 770 TX** to the edges.



6. The surface is sealed with **ALSAN 970 F** finish. **ALSAN CHIPS** can be broadcast over the sealed surface to enhance its appearance.

ALSAN VAPOREX SEAL SYSTEM BUILD-UP

- 1.** Concrete
- 2.** ALSAN 170, strip by strip
- 3.** ALSAN VAPOREX SEAL
- 4.** Butt joint with ALSAN 770 TX and ALSAN 870 RS
- 5.** special fleece
- 6.** Quartz sand
- 7.** ALSAN 970 F with optional Chips topping



IN PRACTICE

ALSAN VAPOREX SEAL is suitable for a range of refurbishment projects and can be applied to small and large balcony areas. In just a single day a new and efficient waterproofing system can be installed on a damp substrate, avoiding the need for the total removal of the existing surfacing.

ALSAN 870 RS self-levelling mortar is applied on the second day and the surface is sealed with **ALSAN 970 FF** finish. **ALSAN CHIPS** in black/white can be applied as surface treatment for slightly improved non-slip properties and an enhanced appearance.





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