

Pedestrian-accessible roof with tiles

REINFORCED CONCRETE SUBSTRATE

≥ 1.5% SLOPE RECOMMENDED



B²

CHARACTERISTICS

SUBSTRATE

New projects:

- Reinforced concrete, on concrete or other cement-based liquid tapered screeds, timber or plywood.

For refurbishment, onto:

- Bituminous surfaces.
- Stone paving slabs.
- Glass paver systems.
- Asphalt (please contact the **SOPREMA** liquid waterproofing products department).

Caution:

- Cannot be used on non perforated steel frame supporting concrete slab

1 PRIMER

- PRIMAIRE H80**: apply with a roller in criss-crossed coats over all the surface and upstands.
- Please contact us for the choice of primer.
- Consumption: approx. 250g/m².
- Maximum time-lapse to apply the waterproofing: within 24hrs after drying.

2 UPSTANDS

- A thin coat of **ALSAN® 400** must be applied in the corner. Minimum height is 10cm.
- Installation of an **ALSAN® REINFORCEMENT SCRIM** or **FLEECE**.
- The resin must penetrate properly through the scrim or fleece.
- Consumption: approx. 500g/m².

3 WATERPROOFING

- The main surface and the upstands will be covered with **ALSAN® 400**.
- 2 coats applied with a roller on the main surface and to the upstands.
- Consumption: between 600 and 750g/m² per coat.
- 3rd coat: **ALSAN® 400** + silica with adhesive mortar and tiles.

4 PROTECTION

- Floor tiles fixed with adhesive or concrete/mortar screed with tiles on a separating sheet.
- As regards the upstands, the **ALSAN® 400** system will be covered with adhesive mortar and tiles.

PRODUCT NOTE

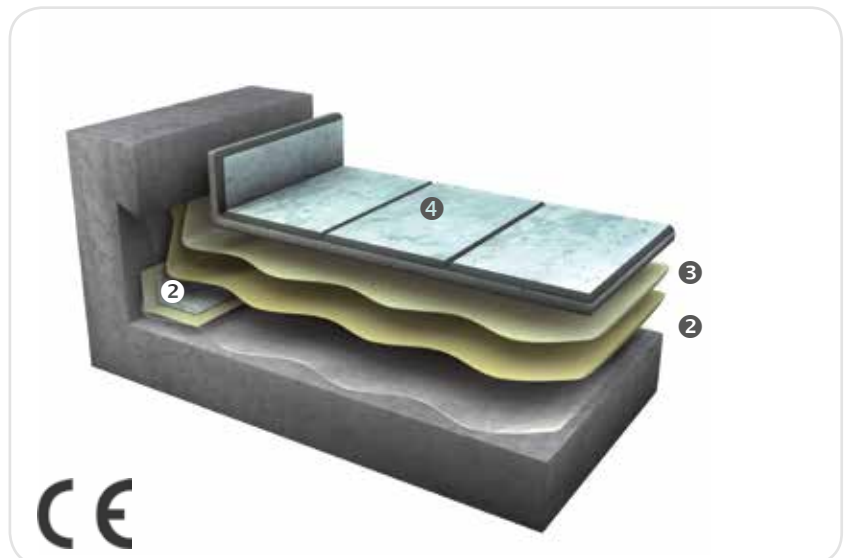


- Technical guideline examined an independant supervisor.
- European Technical Approval ETA-05/0007.

SOPREMA SYSTEM for tiled patios

CE Marking	ALSAN® 400 SYSTEM
3 rd coat	ALSAN® 400 + silica until saturated
2 nd coat	ALSAN® 400
1 st coat	ALSAN® 400
Primer	Primaire H80

Product	Consumption	Drying time
Primaire H80	250g/m ²	12 - 24hrs
ALSAN® 400	2 coats of 600-750g/m ²	12 - 24hrs
ALSAN® 400 + sand until saturated	200g/m ² and silica until saturated	72hrs then sweep off



① Primer ② **ALSAN® REINFORCEMENT SCRIM** or **FLEECE** embedded with **ALSAN® 400** ③ **ALSAN® 400** (in 2 coats) with silica on the last coat ④ Adhesive mortar with tiles

TECHNICAL INFORMATION

PROTECTION

- According to Professional Regulations and our Technical Approvals:
- Adhesive mortar with tiles**: silica sand must be sprinkled onto a thin coat of **ALSAN® 400** until saturated. Product must be left to dry for at least 72hrs after which the excess silica sand will be swept off. Adhesive mortar with tiles can then be installed.
- Concrete screed with tiles**: silica sand must not be used on the main surface (add the separating and protective geotextile **NTS 170** + PE Foil (100µ) under a screed (at least 5cm thick).



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