

# Stoneleaf Sovereign



## Roof Membrane

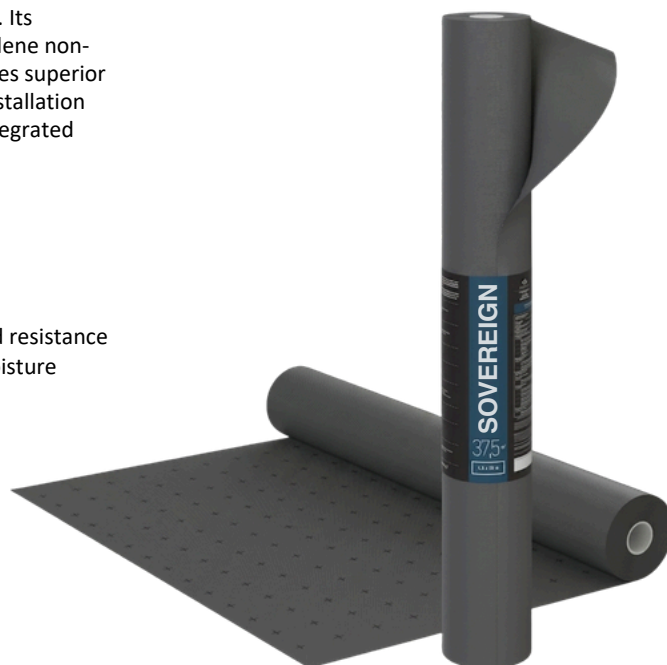
Engineered for ultimate durability, Stoneleaf Sovereign is a high-performance roof underlay specifically designed for low-pitch roofs down to 5°. Its advanced composite structure, blending polyester and polypropylene non-woven fabrics with a high-performance polyurethane film, provides superior mechanical strength and robust weather protection. For faster installation and a secure, weather-tight seal, Stoneleaf Sovereign features integrated 40mm adhesive tapes at the laps.

## Advantages

- ✓ Highly resistant to UV radiation
- ✓ High material weight (330gsm) ensures maximum tear and load resistance
- ✓ Minimises heat loss and protects thermal insulation against moisture ingress

## Application

- ✓ Should be applied to fully boarded roofs
- ✓ Primary underlay for insulated, ventilated pitched roofs
- ✓ Compatible with most pitched roof coverings, particularly clay interlocking tiles



High resistance to water penetration



High vapour permeability



Three layer construction



Energy saving



Conformité Européenne



Environmental Product Declaration

## Characteristics

Material	Polyester, Polypropylene, TPU
Number of layers	3
Mass per unit area	330 g/m <sup>2</sup> ±10%
Colour	anthracite
Width	1,5 m
Length	25 m
Reaction on fire	class E
Resistance to water penetration	class W1
Resistance to water penetration after artificial ageing	class W1
Water vapor diffusion (Sd)	0,12 m (-0,08/+0,05)
Tensile strength (along)	550 N/50 mm (420/600)
Tensile strength (across)	400 N/50 mm (300/500)
Elongation (along)	40 % (20/65)
Elongation (across)	50 % (20/70)
Tear resistance MD (along)	350 N (250/450)
Tear resistance CD (across)	450 N (350/550)

UV resistance max. 3 months\* Temporary roofing covering max. 8 weeks  
Dimensional stability < 2% Flexibility at low temperature ≥ -40°C Temperature resistance -40 to +80°C

Meet the requirements: EN 13859-1:2010, EN 13859-2:2010

\*refers to the annual average insolation; as the periodic insolation increases, the duration of maximum exposure to UV radiation decreases proportionally

## Packaging

Quantity per pallet : 24 rolls/900m<sup>2</sup>

Dimensions: length × width × height (m): 1,20 x 0,80 x 1,60

## Storage

The rolls should be stored in an upright position under cover, ventilated, free from moisture place. Protect from chemical detergents, high temperatures and sunlight, as they are diminishing technical parameters of the material or cause permanent damage. The rolls must be transported in covered means of transport, protected from damage.

## Installation Accessories

