



# Soma Silence

**Soma Silence** is a multi-layer acoustic insulation mat specifically designed to reduce impact noise in floating screed systems. It consists of a top layer of black polypropylene nonwoven fabric, a central glass fibre mesh, and a resilient bottom layer of white polyester mat, all bonded with a special bituminous compound. Soma Silence is equipped with a 5 cm overlap strip.

The product operates on the mass-spring principle: the soft, elastic polyester mat acts as the resilient component, isolating the screed from the structural slab and reducing footfall and airborne noise transmission.

The bitumen-coated upper layer functions as the sound-resisting mass, it is air- and water-tight, filling pores that would otherwise allow noise propagation.

It also prevents the ingress of cement grout during screed installation. Thanks to the combination of mass and resilience, **Soma Silence** effectively dampens solid-borne noise and offers excellent mechanical resistance during installation, including puncture resistance on uneven substrates.



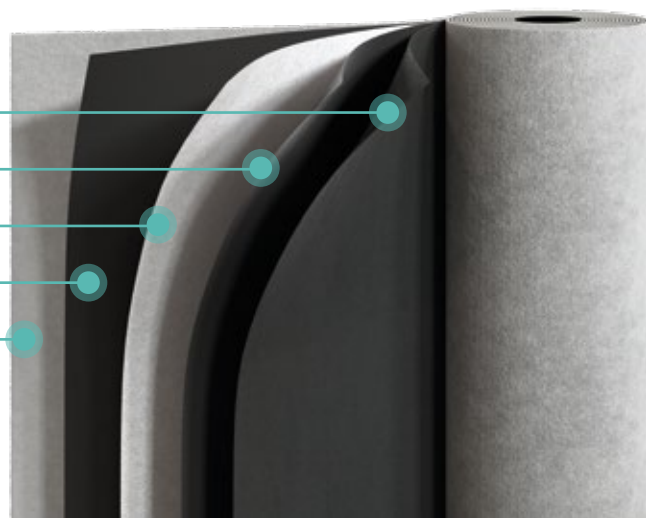
## Features



Roll Length	Roll Width	Roll Weight	Tensile Strength	Tear Resistance	$\Delta Lw$ (Improvement of Impact Sound Insulation)
10 m	105 cm	22 kg	MD: 400±15% N/5cm CD: 300±15% N/5cm	MD: 270±15% N CD: 270±15% N	24 Db

## Composition

- PP Nonwoven Fabric
- Bitumen
- Glass Veil
- Bitumen
- Polyester Mat



## Application

**Soma Silence** is designed for use in floating floor systems, as a resilient layer placed between the structural slab and screed. Any type of floor finish can be installed on top.

**Installation Notes:**  
Unroll in the natural direction of the roll. The white polyester mat faces down, while the black nonwoven side should face upwards.

