

## PRODUCT DATA SHEET

TECHNICAL DATA SHEET 18062109ME001

### DESCRIPTION

The Stickson range is composed of viscoelastic bitumen membrane used for vibration damping and reinforcement of transmission loss.

These products, with a range of applications in both the construction and manufacturing sectors, are produced in rolls of 2.5 and 6 mm thick sheets, depending on the required basis weight (3; 5; 8 and 10 kg/m<sup>2</sup>). These materials can be cut to size or have an adhesive layer or covered with a protective film of polypropylene on the surface of the product.

### STORAGE & HANDLING

STICKSON® should be stored in a dry, properly shaded and well ventilated storage space.

### USER APPLICATION

STICKSON® is used in various applications. All the application guidelines are described in SOPREMA's Technical Manuals in force.

### ADVANTAGES

- Improves sound insulation
- Reduce component wear, like crack formation or gain of
- mechanical float in systems
- Increase sound attenuation index
- Elastic

### HEALTH, SAFETY & ENVIRONMENT

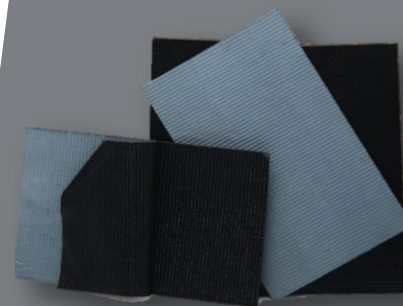
The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

### TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

### QUALITY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality Management Systems in line with ISO 9001:2015.



## COMPOSITION & PACKAGING

PROPERTY	STICKSON® 3	STICKSON® 5	STICKSON® 8	STICKSON® 10
Weight	3 kg / m <sup>2</sup>	5 kg / m <sup>2</sup>	8 kg / m <sup>2</sup>	10 kg / m <sup>2</sup>
Thickness	2.4 mm	3.5 mm	5.25 mm	6.3 mm
Roll dimension	10 x 1.03 m	10 x 1.03 m	-	-
Slab	1000 x 1030 mm, 1200 x 1030 mm, 1500 x 1030 mm			
Topside	Polypropylene film			
Underside	Self-adhesive bitumen protected by silicone film (different adhesives possible)			
Binder	Bitumen + mineral fillers			

## TECHNICAL PROPERTIES

PROPERTY	STICKSON® 3	STICKSON® 5	STICKSON® 8	STICKSON® 10
Young's Modulus pursuant to D45 1809	-	110 MPa	-	126 MPa
Oberst factor at 200 Hz, pursuant to D45 1809 at 20°C (68°F)	-	0.1	-	0.27
Loss factor pursuant to D45 1809 at 20°C (68°F)	-	0.871	-	0.669
Resistance to vertical creep (pursuant to DRPM013a: slip <= 2mm) (5/64 inch)	90°C	75°C	65°C	-
Cold pliability pursuant to UEAtc (Passed)	0°C, 32°F	0°C	-	-

## TESTING AND CERTIFICATIONS



## SUSTAINABILITY AND ENVIRONMENT

