

PRODUCT DATA SHEET

SikaDamp[®]-136

Heat fusible bitumen pad for vibration damping

TYPICAL PRODUCT DATA

Chemical base		Bitumen
Color (CQP001-1)		Black
Density (CQP006-4)		1.9 g/cm ³
Total thickness (DIN ISO 1849-1/2)		1.70 - 5.00 mm
Area weight (CQP008-4)	thickness 2.0 mm	3.8 kg/m ²
Loss factor (ISO 6721-3)	thickness 2.1 mm	0.17 ^A
Flammability (DIN 75200)		0 mm/min
Shelf life		4 Months ^B

CQP = Corporate Quality Procedure

A) at 20 °C

B) below 35 °C / 50 % r. h.

DESCRIPTION

SikaDamp[®]-136 is a non-curing, heat fusible bitumen-based product used for reduction of structure borne vibration.

It is cut to shape by die-cut into customized parts.

SikaDamp[®]-136 is a highly flexible bitumen formulation with a high grade hotmelt layer and anti-blocking agent.

PRODUCT BENEFITS

- Good damping properties
- Damping properties are unaltered by bake or operating temperature
- Highly versatile for flat, curved, crimped surfaces
- Customized die cut parts

AREAS OF APPLICATION

SikaDamp[®]-136 can be applied during automotive assembly process. It is compatible with standard automotive treatment and finish processes. Product shall be applied on electro-coated steel or aluminum surfaces in the paintshop. This product is suitable for flat, slightly curved surfaces, as well as crimped applications in the paintshop.

ADHESION AND DURABILITY

SikaDamp®-136 has demonstrated superior adhesion to electro coated surfaces, base-coat and clearcoat body panels. SikaDamp®-136 maintains its acoustic and adhesive properties after subjection to the various bake schedules and accelerated aging and weathering test conditions widely used in the automotive industry. This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

METHOD OF APPLICATION

Surface preparation:

No special preparation required other than the surfaces must be clean, dry and free from grease, oil, water and dust.

Application:

Ensure proper and full surface adhesion over the entire geometry of the part. The final adhesion strength will be achieved only after the baking process is completed. Application may only be processed on material and substrate temperatures between 20 °C and 35 °C. Ideal application temperature is between 25 °C and 30 °C.

STORAGE CONDITIONS

Material has to be kept dry at temperatures between 18 °C and 35 °C and at a relative humidity of maximum 50 %. Storage outside of standard conditions reduces the shelf life.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Voluntary Safety Information
- Application manual for SikaDamp® application

PACKAGING INFORMATION

Cut-to-shape die-cut parts or sheets.

BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by contacting SIKA's Technical Service Department via email at tsmh@us.sika.com. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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Version 01.01 (09 - 2024), en_US
018516330008000000

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