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NO. 4989911/E
DSB2002

VABER MILLENIUM

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Compiler: Cecconello

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1. DESCRIPTION

VABER MILLENIUM DSB 2002 is an adhesive film, resistant to water, moisture and dust, purposely designed for automotive application as inner covering of front and back doors of all types of vehicles. It is composed by: silicon paper, removable acrylic adhesive, PP film, permanent acrylic adhesive, PE foam.

2. CHEMICAL AND PHYSICAL CHARACTERISTICS

2.1 TECHNICAL CHARACTERISTICS OF THE FOAM

- DENSITY	DIN 53420		20 Kgs/ m ³
- RESISTANCE TO TENSILE STRESS	DIN 53571	Longitudinal	0,23 N/mm ²
		Transversal	0,18 N/mm ²
- ULTIMATE ELONGATION	DIN 53571	Longitudinal	91 %
		Transversal	80 %
- COMPRESSION	DIN 53577	10 %	0,01 N/mm ²
		20 %	0,03 N/mm ²
		30 %	0,04 N/mm ²
		50 %	0,10 N/mm ²
		70 %	0,33 N/mm ²
- RESIDUAL STRAIN	DIN 53572	24 h	7,95 %
	22h / 20°C /	72 h	6,6 %
	50%	168 h	4,44 %
		336 h	2,87 %
- WATER ABSORPTION	DIN 53428	1 h	0,17 Vol. %
		24 h	0,27 Vol. %
		7 days	0,63 Vol. %
- STEAM PERMEABILITY 24h @ 38°C	DIN 53429		11,89 grs/m ²

a. TECHNICAL CHARACTERISTICS OF THE TAPE

<ul style="list-style-type: none"> - SIZES OF THE ROLL - THICKNESS - WEIGHT M²: - ROLL WEIGHT: - ADHESION - EXERCISE TEMPERATURE - APPLICATION TEMPERATURE 	<p>600 mm x 10 m</p> <p>2,2 mm ± 10 %</p> <p>195 grs</p> <p>1350 grs</p> <p>(1200 grs foam + 150 grs carton reel)</p> <p>2,1 N/cm</p> <p>-30°C ÷ +60°C</p> <p>+10°C ÷ +30°C</p>
ALL ABOVE DATA ARE APPROXIMATE AS THEY REFER TO THE AVERAGE OF STANDARD PRODUCTION.	

3. APPLICATION AND USE

Before application of VABER MILLENNIUM DSB 2002, make sure that the surfaces are clean, dry and absolutely free from grease, oils, rust or dust. Apply VABER MILLENNIUM DSB 2002 avoiding air bubbles.

The product is recyclable and non toxic in the conditions in which it leaves the production plant and it complies with EC Directive no. 90/128 of Feb 23, 1990 published on the Official Journal of the European Community of March 21, 1990, concerning Plastic Materials in general.

4. STORAGE AND PRODUCT SHELF LIFE

VABER MILLENNIUM DSB 2002 contains adhesive in water dispersion, which as all adhesives belonging to this type, should be stored at temperatures not inferior to 18°C. VABER MILLENNIUM DSB 2002 stored in its original package, in a dry and well ventilated place, at a temperature between +18°C and +25°C has a shelf life of 12 months from manufacturing date.

5. NOTE

The above information and our technical indications (both verbal and written or resulting from testing), in particular those that regard the applications and uses of our products, correspond to our best knowledge and experience; however, they do not constitute our warranty relative to final results or our responsibility deriving from any juridical relationship whatsoever.

In fact, considering the multiplicity of materials, supports, handling and storage conditions, as well as the conditions of production and utilization, the user, in function of his specific circumstances of use, must always preventively verify all the information and instructions reported above.

No assertion contained in this publication is to be considered authorization or suggestion to violate any indtrial property rights of third parties.