TEROSON

Technical Data Sheet

TEROSON BT SP 100

October 2017

PRODUCT DESCRIPTION

Technology	Sound Deadening
Product type	Pressure Sensitive Sound Deadening Board

TEROSON BT SP 100 is a pressure sensitive sound deadening board based on bitumen/plastic with a stabilizing effect by means of a fleece lamination (aluminum/silver) on the visible surface.

The relatively heavy bitumen material is effective against structure-borne noise and reduces both oscillations and the resulting noise from metal and plastic components.

The board is pressure sensitive and fitted with a solvent free assembly adhesive based on special acrylate copolymers.

The adhesive side is protected from the effects of transportation and storage by a covering material.

Application Areas:
The main area of application for TEROSON BT SP 100 is for door interiors in vehicles to reduce the noise on closing. In addition, TEROSON BT SP 100 can be used for all other internal side panels of vehicles and also for the sound deadening of garage doors, wash basins etc.

TECHNICAL DATA
(Typical Test Results)

Color:	visible side aluminum silver
Mat sizes:	500 x 250 mm
Mat thickness:	2.2 ± 0.2 mm
Weight:	3.8 ± 0.3 kg/m^2
Loss factor (DIN 53440):	~0.1
Attachment:	pressure sensitive
Application temperature:	18 to 50 °C
In service temperature range:	-30 to 80 °C

PRELIMINARY STATEMENT

Prior to use it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

Pretreatment:
The surface to which the board is to be attached must be clean, free from grease and dry. TEROSON VR 20 is suitable for cleaning.

Application:
The desired shape and size should be scored on the visible side of the TEROSON BT SP 100 board using a knife.
The board should then be broken along the scored line.
The silicone paper should be removed in sections from the reverse side and the adhesive side of the TEROSON BT SP 100 board pressed onto the surface.
Care should be taken to ensure even and firm pressure.
The temperature of the material and surface should not be less than 18 °C during application.
The bonding can be assisted by priming the substrate with TEROSON SB 2444 .

Storage:

Frost sensitive	yes, sensitive to break
Recommended storage temperature	15 to 25 °C

Packaging:

Box	6 boards *

Classification:
Please refer to the corresponding **Safety Data Sheets** for details on:
Hazardous Information
Transport Regulations
Safety Regulations

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Disclaimer

Note:

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