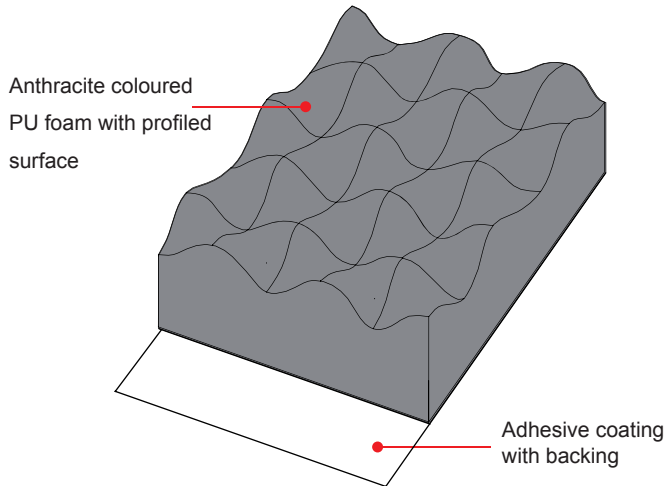


Cross Section



Close-up



Applications

Lining of:

- Motor vehicle cabins
- Motor housings
- Casing
- Computer housings

Attributes

Dinaphon® M 8041 has excellent sound absorption properties.

Application

Substrates must be dry, oil-free and dust-free when the absorption panels are stuck to the surface. Full surface contact is necessary as is a substrate and panel temperature of at least 20° C for the installation to achieve satisfactory results.

Remove the protective backing and firmly press the panel on to the desired surface, eliminating air pockets, e.g. with a roller. The adhesive adheres immediately, but requires several hours to harden completely. NOTE: To ensure reliable, lasting performance, additional mechanical fastening is suggested for installation on small-area, non-uniform surfaces.

Storage

Store in a dry area at temperatures ranging between 15 - 25° C.

Technical Data

Product Data	Dinaphon® M 8041
Adhesive strength at 20° C	40 N/cm ²
Thermal stability:	
Prolonged Brief	Up to 80° C 120°C up to 60 minutes
Suggested temperature at application	15 - 20° C
Ductility	Good
Fire rating as per MVSS 302	SE/B
Max. stacking	30 panels

Packaging Unit and Form

Panel size: M 8041/30, 2000 x 1000 mm,
M 8041/50, 2000 x 1000 mm

Panel thickness: 30, 50 mm

Product variant designations:

M 8041/30,
M 8041/50

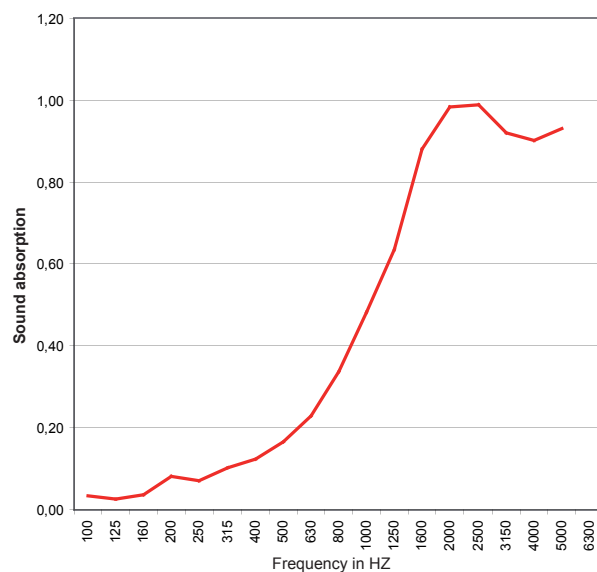
Cut to order panels:

Keller will be glad to cut panels to specific size requirements indicated in customer plans or drawing files for both small and large orders. Ask for a price quote.

Sound Absorption

Results obtained using the reverberant field testing method Kundt's Tube

Frequency	30 mm
100 Hz	0.04
125 Hz	0.03
160 Hz	0.04
200 Hz	0.08
250 Hz	0.07
315 Hz	0.10
400 Hz	0.13
500 Hz	0.17
630 Hz	0.23
800 Hz	0.34
1000 Hz	0.48
1250 Hz	0.64
1600 Hz	0.88
2000 Hz	0.99
2500 Hz	0.99
3150 Hz	0.92
4000 Hz	0.90
5000 Hz	0.93



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