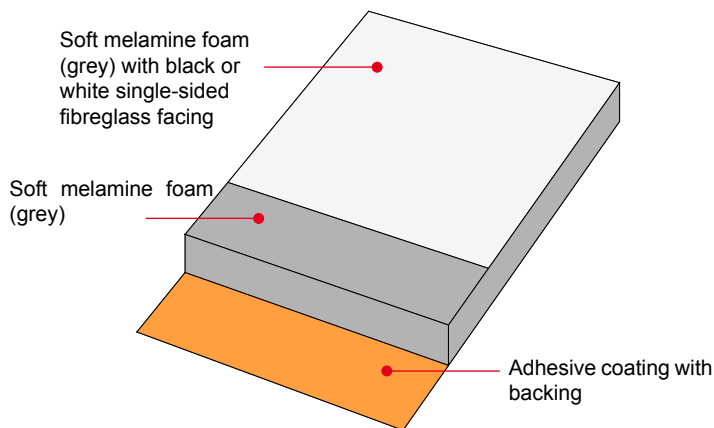


### Cross Section



### Close-up



### Applications

- Machinery jacketing
- Motor vehicles
- Machinery
- Wall and ceiling covering

### Attributes

**Dinaphon® B 801** absorption panels have excellent absorption properties and are highly resistant to many chemical substances.

### Application

Substrates must be dry, oil-free and dust-free when the panels are stuck to the surface. Full surface contact is necessary as is a temperature of at least 18° C for the installation to achieve satisfactory results. Remove the protective backing and firmly press the panel on to the desired surface, avoiding air pockets. Exercise caution to avoid tearing the fibreglass facing.

### Storage

Good for 6 months if stored in a dry area at temperatures ranging between 15 - 25° C.

### Technical Data

Product Data	Dinaphon® B 801
Bulk density of foam	8.5 – 11.5 kg/m <sup>3</sup>
Thermal stability:	
Foam	- 60 bis + 150 °C
Adhesive	bis + 80 °C
Building material rating of foam as per DIN 4102	B1
BKZ (Swiss fire code rating)	5.3
Rated thermal conductivity $\lambda$ (W/m <sup>2</sup> K)	0.035

### Packaging Unit and Form

**Panel size:** 1200 x 1000 mm

**Panel thickness:** 10, 20, 30, 40, 50 mm

**Product variant designations:**

B 801/10, B 801/20, B 801/30 B 801/40, B 801/50.

“W” indicates white; “B” indicates black colour

### Packaging Unit and Form

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.

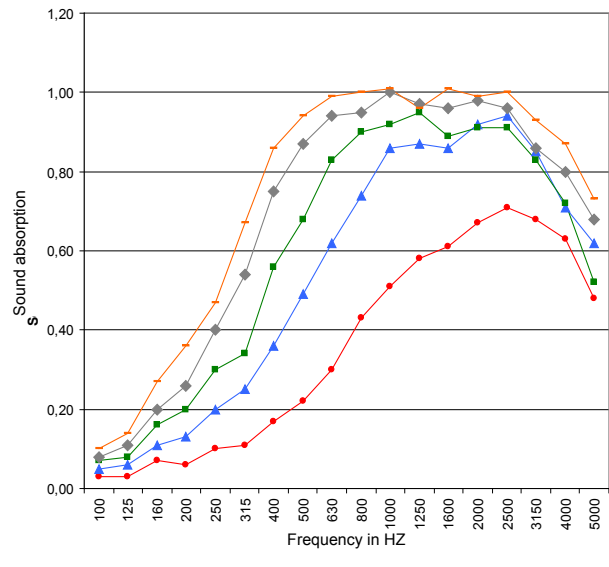
**Cut to order panels:**

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

	10 mm	20 mm	30 mm	40 mm	50 mm
	—●—	—▲—	—■—	—◆—	— —
100 Hz	0.03	0.05	0.07	0.08	0.10
125 Hz	0.03	0.06	0.08	0.11	0.14
160 Hz	0.07	0.11	0.16	0.20	0.27
200 Hz	0.06	0.13	0.20	0.26	0.36
250 Hz	0.10	0.20	0.30	0.40	0.47
315 Hz	0.11	0.25	0.34	0.54	0.67
400 Hz	0.17	0.36	0.56	0.75	0.86
500 Hz	0.22	0.49	0.68	0.87	0.94
630 Hz	0.30	0.62	0.83	0.94	0.99
800 Hz	0.43	0.74	0.90	0.95	1.00
1000 Hz	0.51	0.86	0.92	1.00	1.01
1250 Hz	0.58	0.87	0.95	0.97	0.96
1600 Hz	0.61	0.86	0.89	0.96	1.01
2000 Hz	0.67	0.92	0.91	0.98	0.99
2500 Hz	0.71	0.94	0.91	0.96	1.00
3150 Hz	0.68	0.85	0.83	0.86	0.93
4000 Hz	0.63	0.71	0.72	0.80	0.87
5000 Hz	0.48	0.62	0.52	0.68	0.73



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