

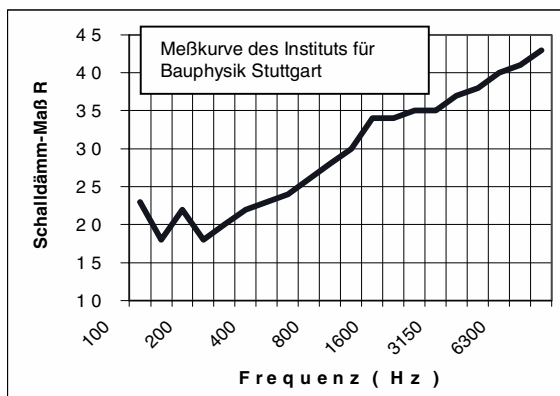
Technical information

OptiDuuu

Noise reduction foil

OptiDuuu is an multipurpose and non expensive noise reduction foil in all cases noise pollution has to be lowered for app. 10 dB

For mechanical requirements the polymerize has a reinforcement of bars, for UV and chemical resistance it is covered with green foil on both sides



Technical Data :		
Middle airborne isolating margin between frequent 100 and 3150 Hz		25dB
Tear strength in kg 50 x 5 cm	linear	105,0
	across	98,8
Stitch tear out strength in kg	linear	9,12
	across	9,10
Stability in dimension at 90°C/8h	linear%	-0,5
	across%	-0,2
Stability in dimension at 100°C/24h with 1 kg weight	linear%	2
	across%	4
Inflammability DIN 75200 and MVSS302		self-extinguish
Stability against oil		not in all cases
Stability against weather		weatherproof

Processing :

OptiDuuu can be cut by knife without any difficulties, for lager quantities we recommend pressing .

Installation recommendation:

Because of its high weight of 5 kg / sqm **OptiDuuu** should be squeezed additional to screwing.

The fixing with a pass though profile and though screws in a distance of 15 cm is well approved.

Delivery: Roll, 1,5 x 10 m
Weight 75 kg

Price : DM 60,50 / sqm

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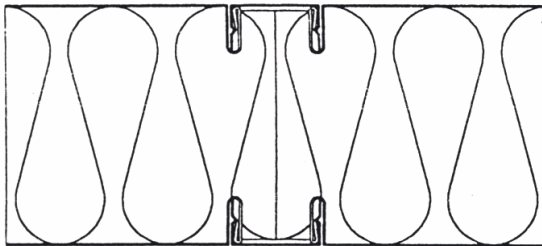
OPTACust

Acoustical

OPTACust-partitions are made of elements, which will be firmly bonded by a special groove and tongue system. The upper and lower edge will be covered by a steel-profile. The elements themselves are made of stone-wool, weight 170 kg/cbm with a perforated steel-plate, thickness 0,7 mm, on both sides or one side non perforated.

We recommend the light-grey colour for welding-booths because of the reflexion, you can have them also galvanized if you want.

The noise-reduction-rate $R_w = 31$ dB is more than enough for the acoustical shielding you can get in rooms.



Connection of elements

Technical datas	
weight	20 kg/m ²
thickness	50 mm
Weight of stone-wool	170 kg/m ³
noise-absorbing factor α_s at 1000 Hz	0,95
holes perforated steel-plates	6 mm
Fire-resistance	A30
Fire-time	no flammable
noise-reduction-rate R_w	31 dB

Manufacturing:

OPTACust-elements will be delivered ready for installation.

For adjustment or rebuilding you can treat them with a compass saw.

The stone-wool is dimensionally stable and has not to be isolated separately

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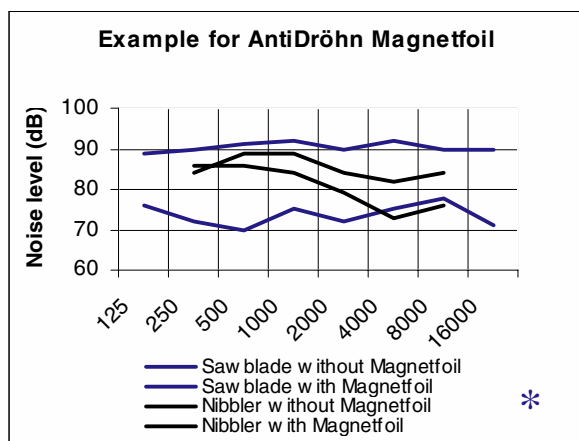
AntiDröhn

Magnetfoil

Working with thinwalled subjects they often emit noise because of the vibration they are stimulated.

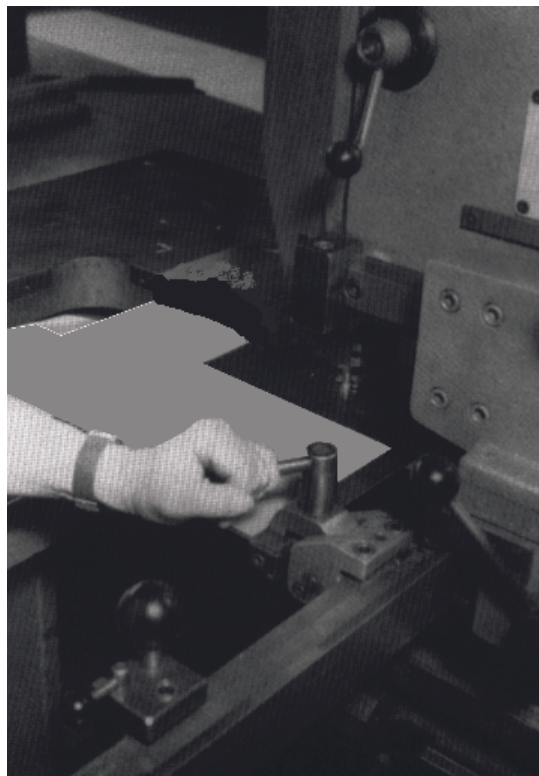
During the process the **AntiDröhn Magnetfoil** will be simply laid on the work piece – the noise is reduced before beginning.

After finishing the foil will be changed to the next work piece.



*Examples: 250 mm sawblade with 42% of surface with Anti-Dröhn wile regrinding - 0,75 sqm steelplate with app.90 % of surface with **AntiDröhn** wile nibbling

Technical Data :	
Material	PVC
Colour	one side green
Tickness	1,4 mm
Weight	ca. 4,8 kg/qm
Stability of temperatur.	+80°C (magn.problems)
Stabil against	grinding sparks, welding sparks
Delivery	2 plates, each 490x650 mm
Price	DM 133,20 / 2pc



Processing :

AntiDröhn Magnetfoil will work as of a thickness of 50 % of the steel-plate.

It should be smooth on the work-piece, the minimum size should be 200 x 250 mm.

The magnetfoil can be cut by knife without any difficulties, the cleaning of sparks could be done with compressed air.

AntiDröhn Magnetfoil could also be used for marking racks or steel containers.