

Technical information

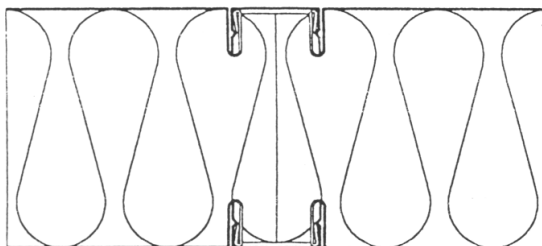
OPTACust

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