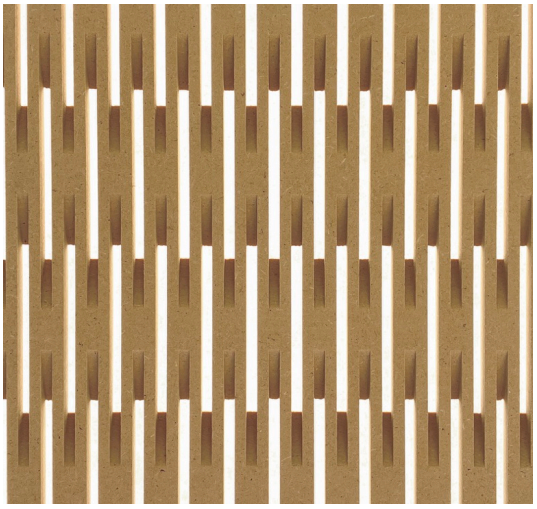
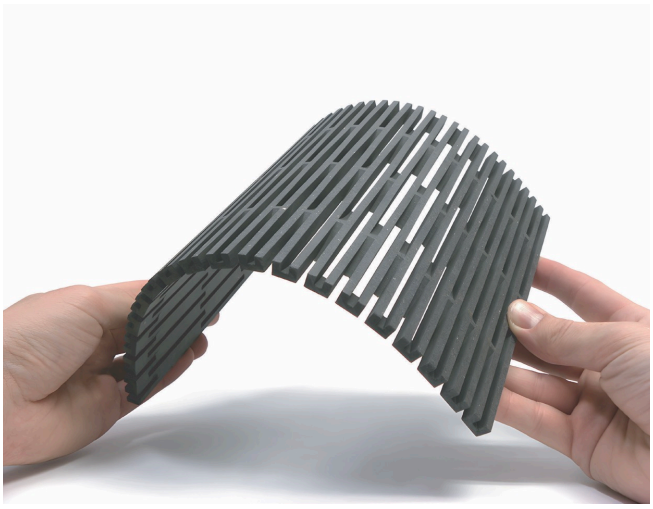
REFERENCE **SONAR**
DESCRIPTION Curvable acoustic wood panel with through-cuts on the visible side





ACOUSTIC FEATURES

Distance between grooves (mm)	4
Width of groove (mm)	4
Depth of groove (mm)	
Minimum	0
Maximum	through
Perforation dimensions (mm)	64 x 4
Perforated area (%)	25

Acoustic absorption

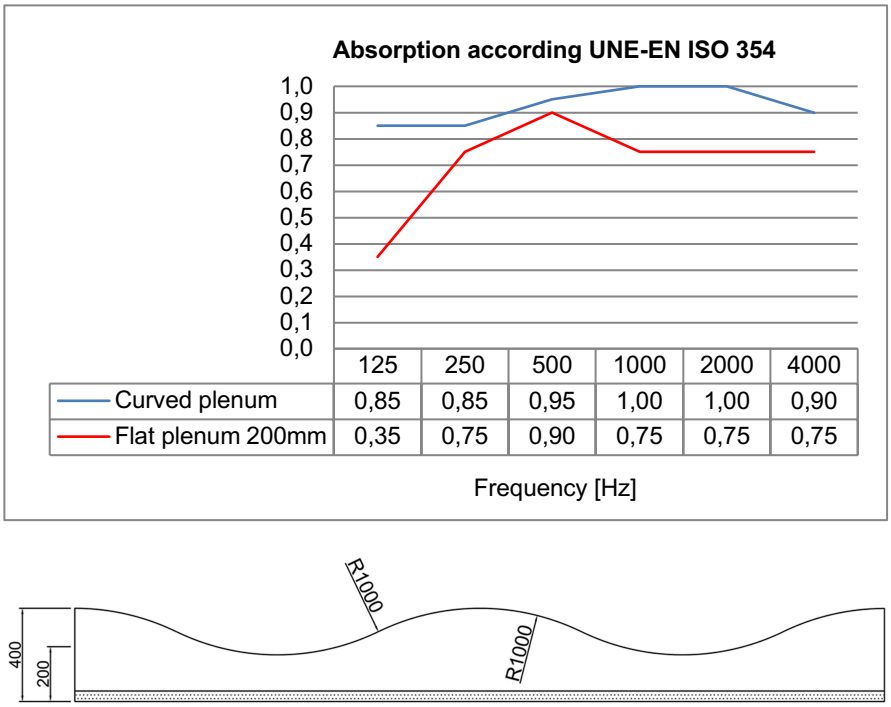
Curved plenum from 200 to 400mm

α_w	1,00
NRC	0,95
Absorption class	A

Flat plenum 200mm

α_w	0,80
NRC	0,80
Absorption class	B

Mineral wool 45mm 21kg/m^3



Minimum bending radius

Sonar ≥ 150mm

The bend radius may vary depending on the type of material and finish

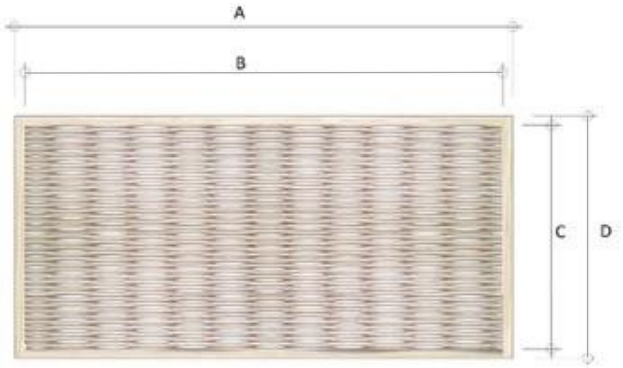
GENERAL FEATURES

Materials

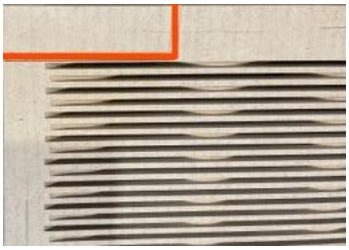
MDF standard D-s2,d0 (8 mm)
MDF coloured throughout Black D-s2,d0 (8 mm)
MDF fireproof B-s2,d0 (with red core) (9 mm)
Birch plywood D-s2,d0 (9 mm)

For other materials and thicknesses, contact with DECUSTIK

Approximate weight (kg/m²)	5,0	
Dimensions	Panel dimensions (AxD) (mm)	2440 x 1220
	Usable dimensions (BxC) (mm)	2301 x 1116
	Thickness (mm)	8 / 9 (Depending on material)
	Usable area (m²)	2,57



Assistance from cut in the frame



Finishing	With no finish	Clear or tinted varnish
	Lacquered RAL colour	Varnished natural wood veneer
	For other finishing, contact with DECUSTIK	
Acoustic veil:	Optional	

APPLICATIONS

Wall and ceiling cladding for interior use
Installed by pin nailing and gluing onto a supporting substructure made of flat or curved battens.

IMPORTANT

Each panel includes a non-grooved perimeter margin to provide rigidity and facilitate transport (See the difference between the panel size and the usable area).