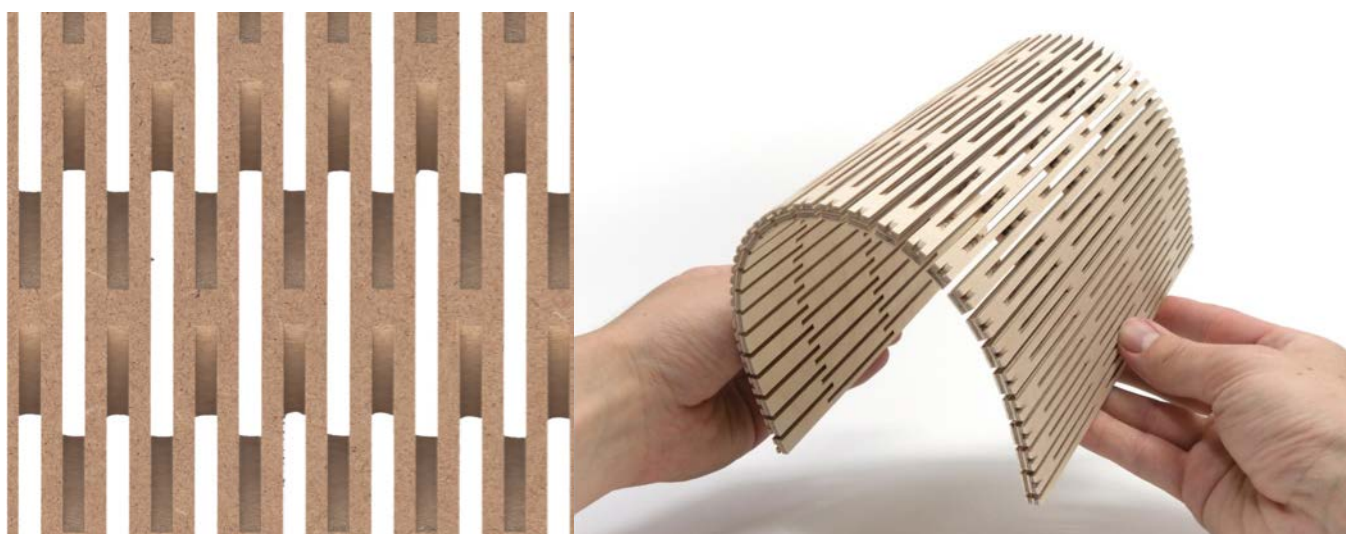


# SONAR

## | Technical Information

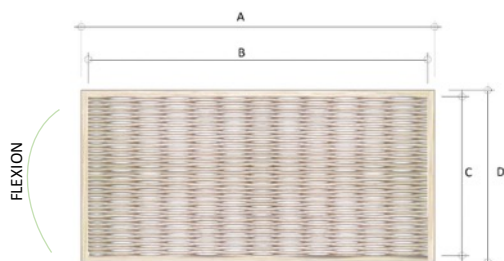
Dukta panels are wood panels grooved on one or both sides. The flexibility of the panels is achieved thanks to a patented cutting technique.



### Panel sizes



Tolerance: +/-0,5cm	Panel size (AxD) mm	Usable area (BxC) mm	Thickness	Usable panel area in m <sup>2</sup> /panel
SONAR MDF	2440 x 1220	2300 x 1148	8	2,64



Panel milled from end to end.



Each panel has an unmodified perimeter margin for ease of transport.

(See difference between panel size and usable area.)

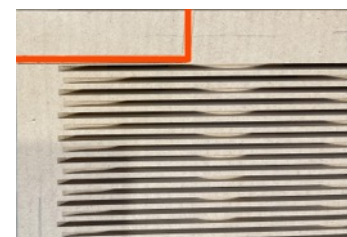
### Approximate weight



SONAR MDF Natural 8mm

4 kg/m<sup>2</sup> MDF

Cutting assistance in the frame



### Flexion Radius

The flexion radius depends on the incision, material and thickness of the panel.

### Range of uses



Environmentally friendly product ideal for indoor use, creating greater visual and acoustic value. Particularly suitable for wall and ceiling applications, straight and curved surfaces, and for dividing elements and furniture.

### Acoustic properties



The acoustic elements of dukta are suitable for acoustically sensitive rooms, such as recording studios, cinemas, concert halls, restaurants, lobbies, teaching rooms, etc. The measurements taken by EMPA Schweiz (Swiss federal materials technology and science laboratories) confirm high absorption properties. Sound diffusion and absorption can be controlled by means of the wave form and subsequent filling of the elements. Their excellent acoustic properties and appealing aesthetic will allow you to create spatial experiences to the highest standards.

### Storage



Best stored indoors, in a cool, dry place and on a flat, smooth, clean surface. Do not expose to direct sunlight.

### Processing



The panels can be processed by cutting, milling and perforating, using standard tools for wood. Use new or well sharpened tools. High cutting speeds and rapid sequences should be avoided.

### Material properties



Temperature resistance and emissions values are the same as the standard values for the wood-based materials used, such as solid fir, MDF E1 panels and IF 20/E1 multi-layer panels.



#### Indications:

Linar ≥ 120mm

Janus ≥ 100mm

Sonar ≥ 150mm

Foli ≥ 230mm



**MDF Coloured MDF.** *MDF/Coloured MDF: As in the case of wood, the main raw material of MDF, there will be natural variations in tone, and colour variations may be noted. 3-layer fir panels: adapted surface, uniform wooden pattern, possible slight individual black spots, slight individual compression of the wood, light colour deviations, light cracking at panel edges.*