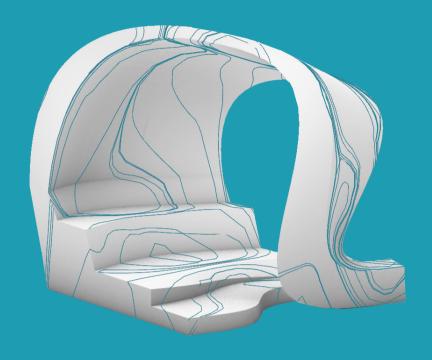
100 Year Bauhaus Pavillion

Stress Lines

Better accoustic performance Increased (natural) lighting

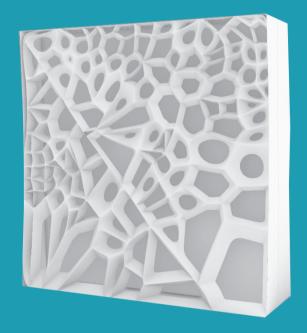
Least amount of material Optimal thickness



Inner Surface

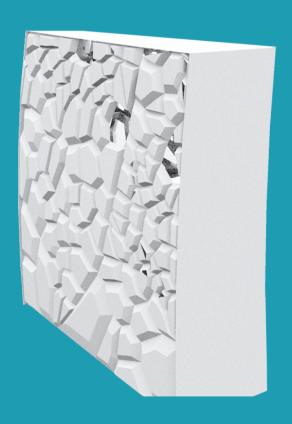
Main branches are stresslines

Other cells gradiently diffuse sound



Outer Surface

Main branches are watergutters
Same pattern is shown outside



MSc 2 Group 02

Femke Lokhorst Ian Omumbwa Thierry Syriani

Nikolaus Houben Hamid Reza Shahriari Rick van Dijk 1:1 Interactive Prototypes
Robotic Building