



Köral™

TakahashiLim A+D

Trademark and 2019 ©

The acoustic sculpture is generated using mathematical principles underlying natural forms. Like a wavy coral reef, Köral™ is based on hyperbolic geometry; it grows exponentially outwards, creating excessive folds to increase surface area for sound absorption. An earth-friendly and sustainable acoustic substrate is inserted between colourful fabric— held together by Fabrix™, a proprietary fabric system. The result is an experimental collaborative art work that marries striking design, acoustic performance, and innovation.

Technical Specifications

Structure	Fabrix tracks, 3D-Printed Joints, Substrate
Material	Polymer, PLA, Earthwool, Fabric
Finishing	Acoustic Fabric
Mounting Mechanism	3D-Printed Joints
Standard Thickness	59mm
Standard Dimension	2600mm x 2600mm x 2600mm
Standard Shape	Heptagon, Hexagon
Toxicity Emission Test	BS 6853 Annex B = R < 1.0
Fire-Rated Test	EN 13501-1 : Class B, s1 d0
Acoustics Test	ASTM C423-09a : NRC = 1.0