

# RSof Application: Nano-Patterned Phonic Structure

## Objective

A decorative crystal manufacturer in Europe was inspired by the Morpho butterfly to create structured, color-based iridescent crystals for use in their products.

## The Challenge

The customer wanted to create a decorative crystal structure that mimics the iridescent color of the Morpho butterfly. The challenge was to create a nano-patterned phonic structure that could be used in their products.

## The Solution

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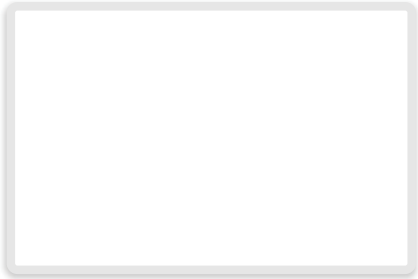


Figure 1. Morpho butterfly

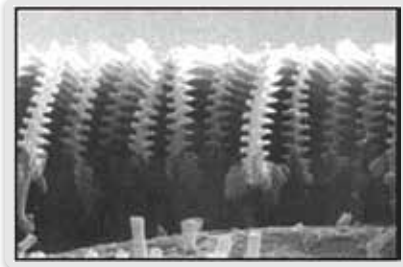


Figure 2. Nano-patterned phonic

