



Body Interior

Real Wood Interior Door Garnish Using Natural Cork

OEM/Vehicle

Hyundai Motor Company
2017 Grandeur Hybrid

System Supplier

Seoyon E-Hwa Interior Systems

Material Processor

Seoyon E-Hwa Interior Systems

Material Supplier

L & J

Resin

ABS

Tooling/Equipment Supplier

Seoyon E-Hwa Interior Systems



This is the first real wood film and parts technology using natural cork. It is eco-friendly not requiring cutting down trees (cork is harvested from the bark of living cork oak trees every ten years). It is more cost-competitive than conventional wood parts because of its simple structure and manufacturing process. Conventional wood parts are a multi-layered structure using several layers of wood veneer and require 20 steps of complex molding and machining including milling. Cork wood film is made with lamination equipment and parts are processed via insert injection molding. A 24% weight and a 65% cost savings is achieved compared to wood. Cork's unique honeycomb-structure offers elasticity, insulation and sound proofing.