



GLOBAL DISTRIBUTOR OF PERFORMANCE FOAMS

Official Distribution Partner  **EVONIK**  
INDUSTRIES

## Supporting Model Making



[WWW.EMKAYPLASTICS.CO.UK](http://WWW.EMKAYPLASTICS.CO.UK)

# WHAT IS ROHACELL?

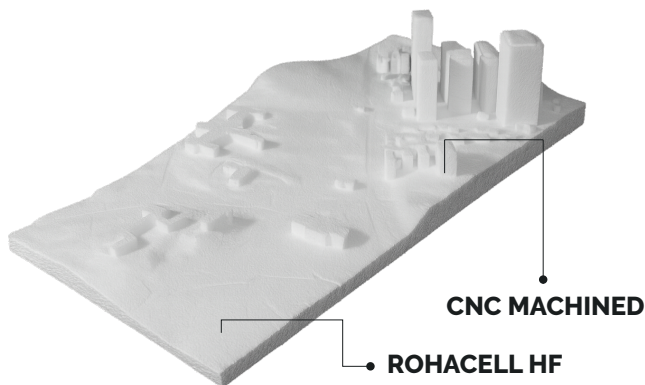
Rohacell is a closed-cell, structural PMI foam with excellent mechanical properties. It is solvent resistant and has high dimensional stability under heat. Rohacell's strength values are presently not exceeded by any other foam plastic of the same gross density.

## THE BENEFITS OF USING ROHACELL

IN THE MODEL INDUSTRY



**ROHACELL® is a favourite among terrain makers thanks to its precision shaping and stable composite structure. It cuts cleanly, captures fine textures, and resists warping, making it ideal for creating realistic landscapes and dioramas.**



CNC MACHINED

ROHACELL HF

### • Extremely Lightweight

*ROHACELL® has a density starting as low as 32 kg/m<sup>3</sup>, making it ideal for building large, detailed models without adding weight especially important for aircraft, drone, and RC model makers.*

### • Sands Like Balsa, Stronger Than EPS

*It can be cut, shaped, and sanded with the same tools used for balsa or EPS, but it has superior stiffness and crush strength, especially in high-grade variants like IG-F and Hero.*

### • Scale-Perfect Prototyping

*Unlike wood or foamcore, ROHACELL® has no surface grain, which means clean edges and smooth curves, perfect for minimalistic or modern architectural styles.*

### • Glue Compatibility

*Works with superglue, epoxy, and structural adhesives. For architectural layering, you can create tiered massing models or apply thin skins like plastic, card, or veneer.*

### • Paints and Primes Flawlessly

*The closed-cell surface resists absorption, so model paints, spray primers, or architectural finishes apply smoothly with no warping, blistering, or bleeding.*

### • Ideal for Laser-Etched Facades

*With the right settings, ROHACELL® can be laser-etched for facade detailing, creating recessed windows, cladding lines, or patterned surfaces for realism.*

### • Ultra-Clean Cut Edges

*When CNC or knife-cut, ROHACELL® produces minimal dust and no tearing, which helps when aligning parts, fitting glazing film, or detailing interiors.*

Scan for Grade Specs  
ROHACELL® IG-F



Scan for Grade Specs  
ROHACELL® HF

