

CoreMatrix Materials

CAD Submission Guide for PMI Foam Core Projects

Purpose

This guide helps project teams submit a drawing or model for PMI foam core review, CNC machining planning, and composite-core preparation. It does not replace a project-specific engineering review.

Accepted file formats

Provide the best available reference file: **STEP, STP, STL, DXF, DWG, IGES, IGS, PDF, or ZIP**. A 3D model is useful for complex contours; a drawing can clarify dimensions, notes, revision status, and inspection references.

Include these project inputs

Input	Why it helps
Component or application	Frames the core’s function in the finished structure.
Controlling drawing or CAD model	Defines geometry, features, interfaces, and reference surfaces.
PMI material direction, if known	Starts the material and core-form discussion.
Thickness and sheet/blank context	Helps review the proposed core form.
Required process	Connects CNC preparation to forming, bonding, or composite manufacturing.
Quantity and timing context	Supports a project-specific commercial review.

Before release

Confirm the selected material grade, technical documentation, machining scope, inspection reference, and packing requirements against the actual project. Final material selection must be confirmed against project-specific requirements and the applicable technical datasheet.

Contact

Peter

WhatsApp / Phone: **+86 151 9045 1115**

Email: **qdlookingforward@gmail.com**