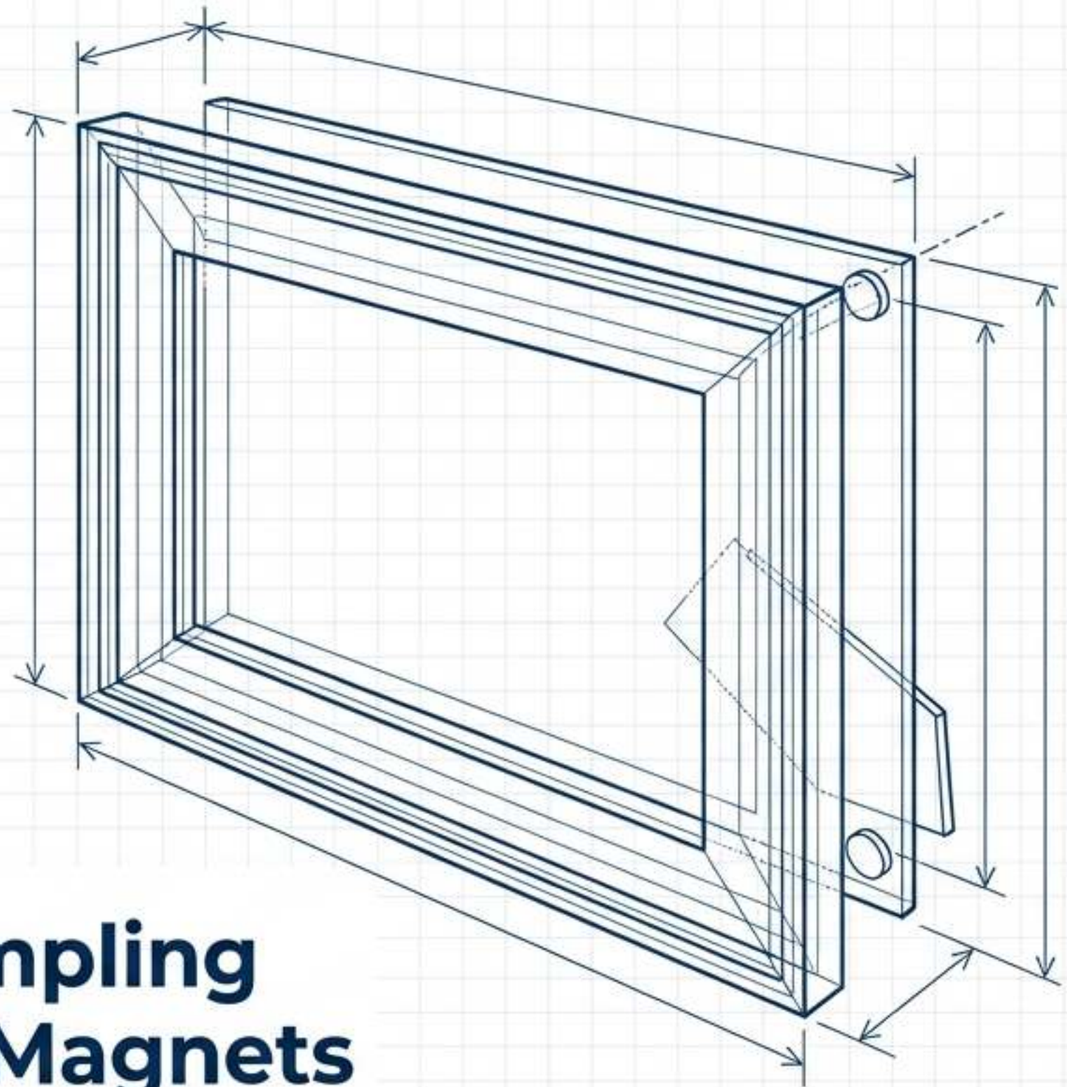
ZIGPAC



Sourcing, Specifying, and Sampling Custom Acrylic Photo Frame Magnets

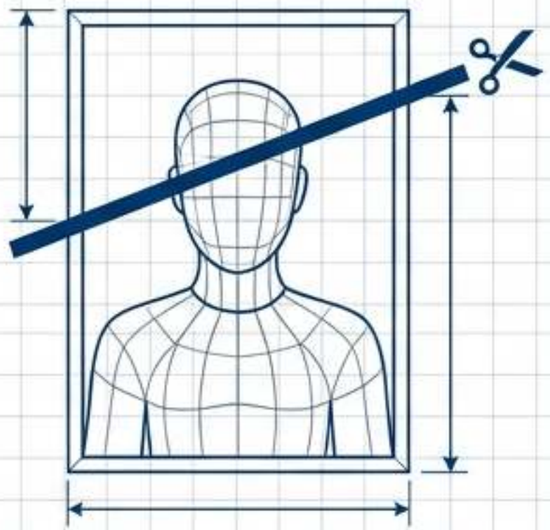
A rigorous procurement playbook for SKU ZPCM0002.

BUILT FOR EVENT PLANNERS, PROFESSIONAL PHOTOGRAPHERS, AND B2B DISTRIBUTORS.

ASSUMPTIONS CREATE UNHAPPY UNBOXINGS

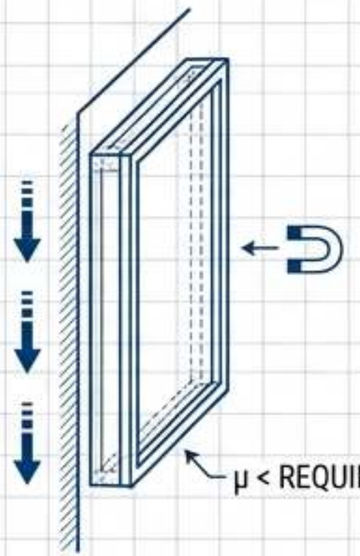
A frame that looks perfect in a 3D rendering can disappoint in reality if the photo is cropped, the cover is difficult to open, or the assembled unit slides down a refrigerator door.

SCHEMATIC A - IMPROPER CROP



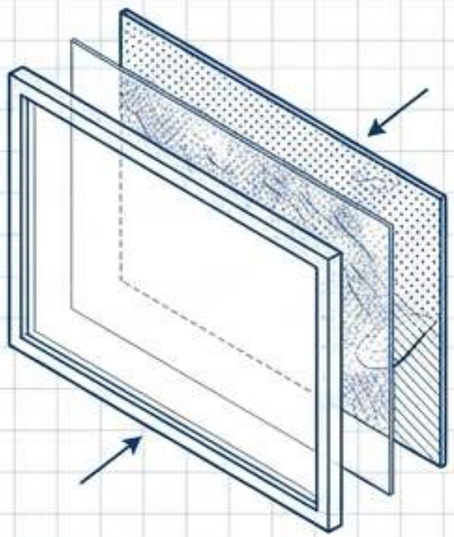
REF. 01: CROPPED PORTRAIT

SCHEMATIC B - MOUNTING FAILURE



REF. 02: UNSECURED SLIDING

SCHEMATIC C - SURFACE DEFECTS



REF. 03: CLOUDY ACRYLIC FILM

THE PRACTICAL SOLUTION: Specify the photograph, the acrylic frame, and the mounting arrangement together as a single assembled unit. Use an approved physical sample to establish acceptance criteria before ordering bulk production.

ZIGPAC

DEFINE THE DISPLAY FORMAT BEFORE THE CONSTRUCTION

FORMAT	PRIMARY USE CASE	STRICT PURCHASING BOUNDARY
Replaceable Acrylic Fridge Frame	Separate photographs as part of the intended design	Confirm insert access, usable space, and loaded mounting performance.
Direct-Printed Acrylic Magnet	Fixed artwork for a branded keepsake	Do not describe as a replaceable-photo frame.
Flexible Magnetic Photo Pocket	Insert-based refrigerator display	Do not present or benchmark against rigid acrylic frames.
Freestanding Magnetic Acrylic Block	Tabletop presentation	Magnetic panel closure does not establish fridge compatibility.
Conventional Glass Frame	Traditional framed presentation	Compare handling, packing, and mounting requirements separately.

ZPCM0002 IS A PROVISIONAL FRAMEWORK

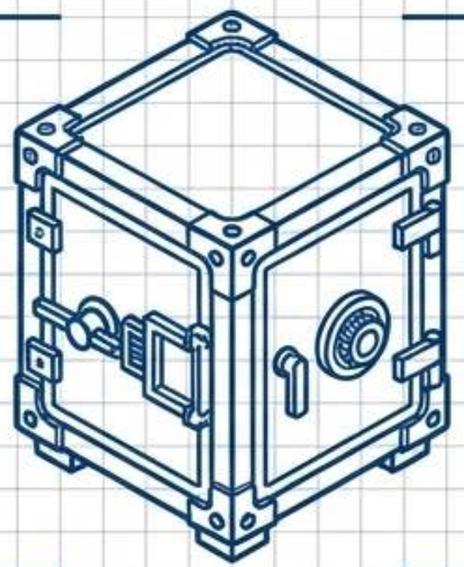
No assumed commercial or manufacturing specifications exist until your custom requirements are defined.

Minimum Order Quantity (MOQ)

Subject to project-specific quotation.

Lead Times

Production completion and arrival dates are separate quoted milestones.

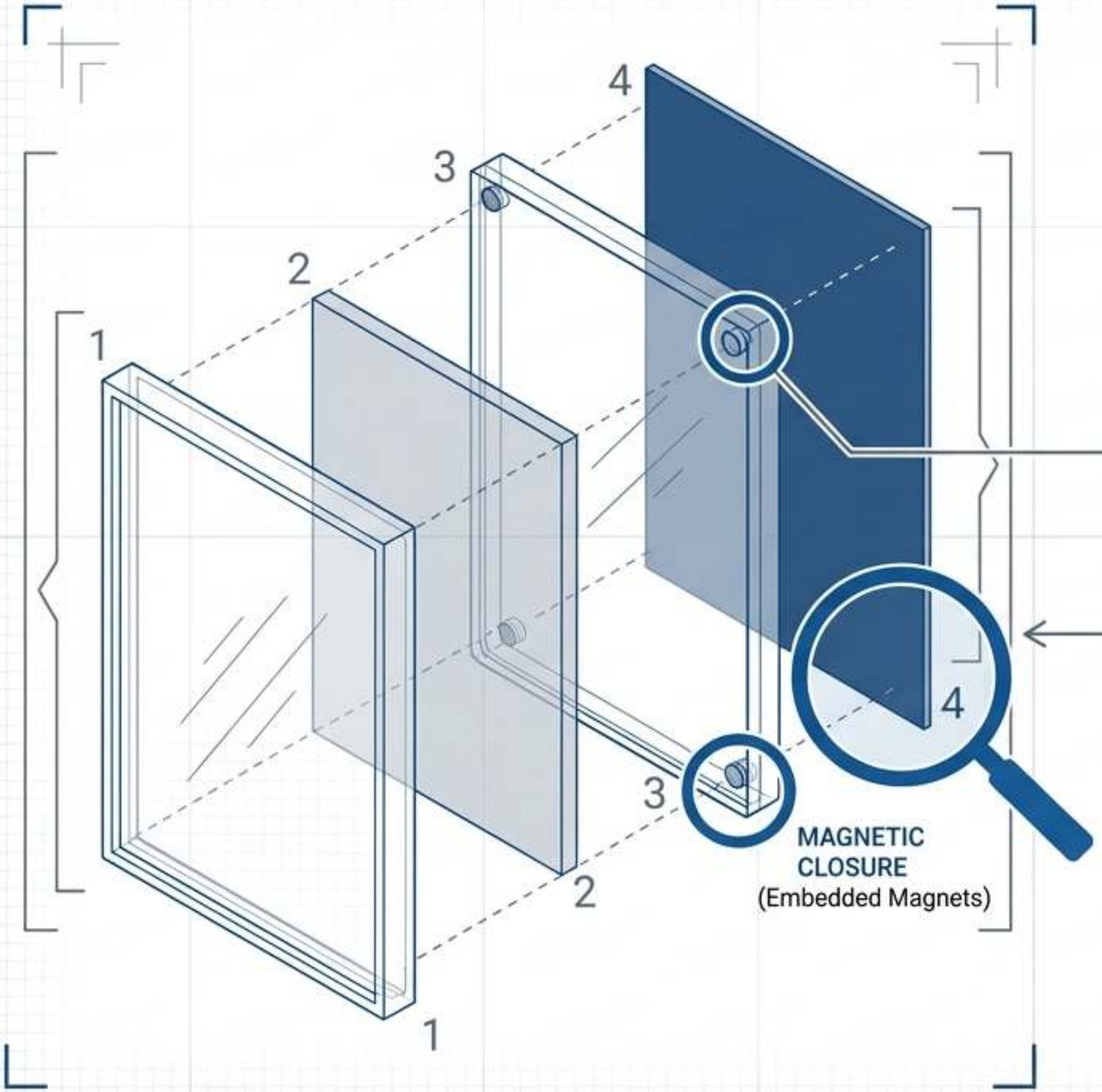


Dimensions & Weight

Calculated based on final design; specify if weight includes packaging.

Packaging

Retail presentation vs. bulk transit must be explicitly quoted.



DISTINGUISHING CLOSURE FROM MOUNTING

Magnetic functions are distinct and must be evaluated separately.

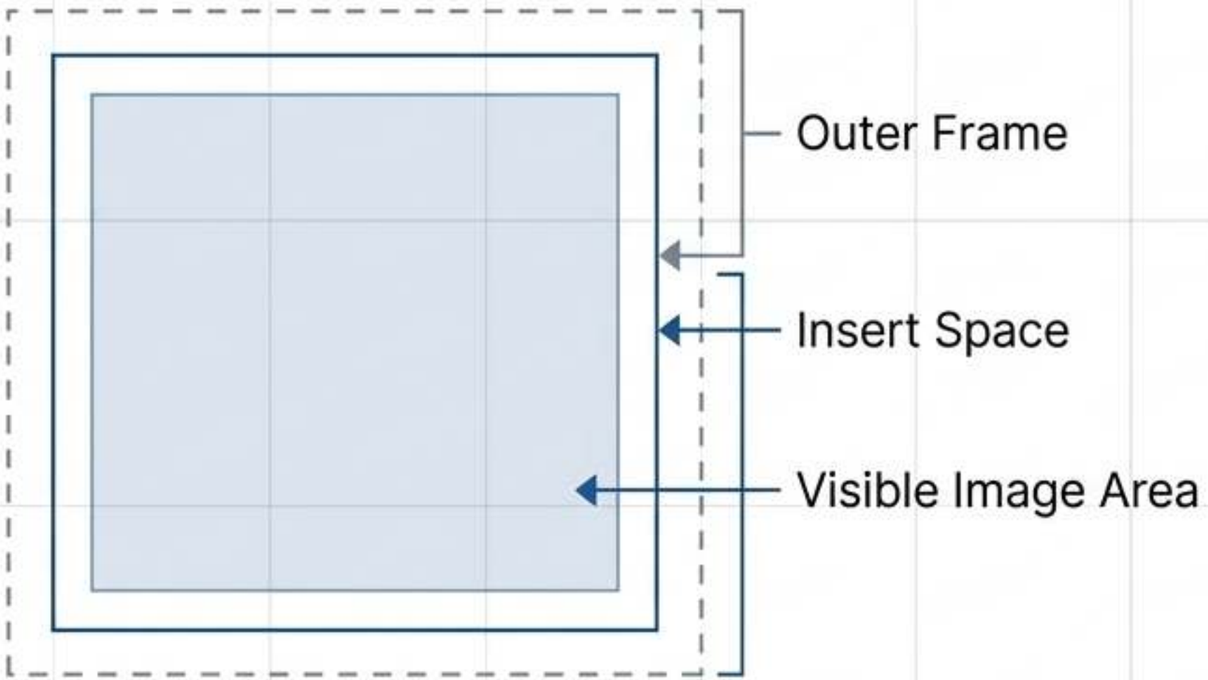
1. **MAGNETIC CLOSURE:** Magnets that keep the front and rear acrylic panels secured around the photo insert.

2. **MAGNETIC ATTACHMENT:** The rear mounting component (localized magnets or full sheet) that holds the entire assembled weight to a surface.

WARNING: A thick tabletop magnetic frame cannot be treated as a fridge magnet without a specific mounting specification and a successful sample test.

ABANDON GENERIC FORMATS; SPECIFY EXACT DIMENSIONS

"Instax," "Polaroid," and "wallet-size" are not interchangeable manufacturing dimensions.

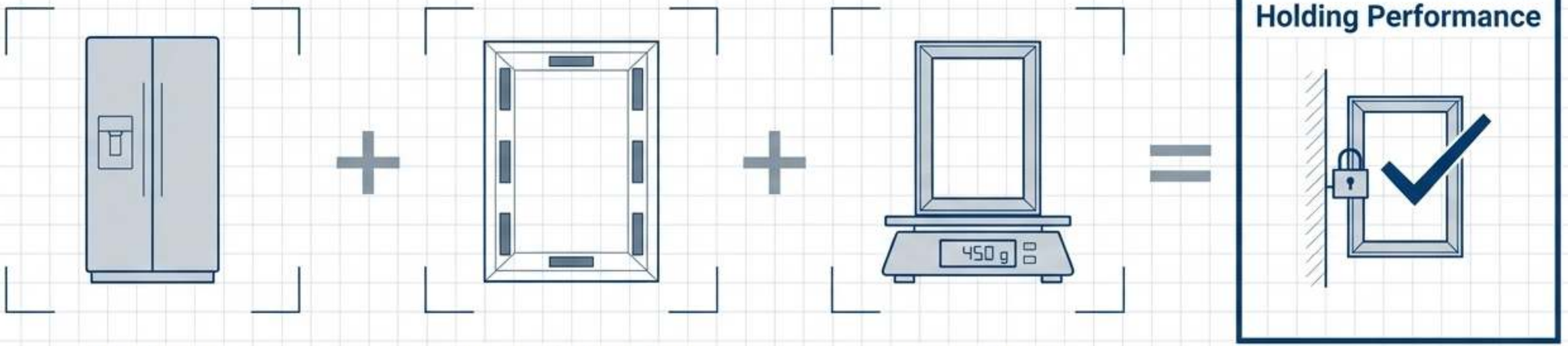


CHECKLIST FOR THE BLUEPRINT:

1. **Physical Print**: Record exact width, height, and thickness (including protective sleeves or white borders).
2. **Outer Frame**: Define the approved outline and corner treatment.
   - Manufacturing compnance (enthernilly and any connectient sides).
3. Visible Image Area: Ensure faces, names, and logos are not subjected to unintended cropping or component overlap.

The Adhesion Equation Determines Performance

Holding capacity is determined by the specific combination of materials, not a standalone pull-force figure.



Appliance Surface Type

Not all metallic-looking or stainless-steel appliance fronts are magnetic.

Magnetic Backing Arrangement

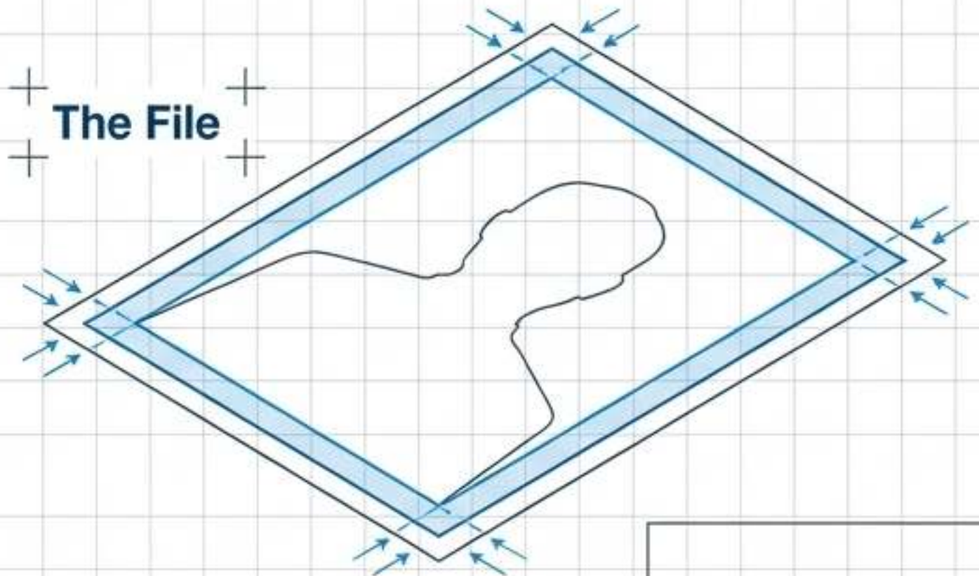
Localized rear magnets vs. full magnetic panel closures behave differently. Added protective pads impact retention.

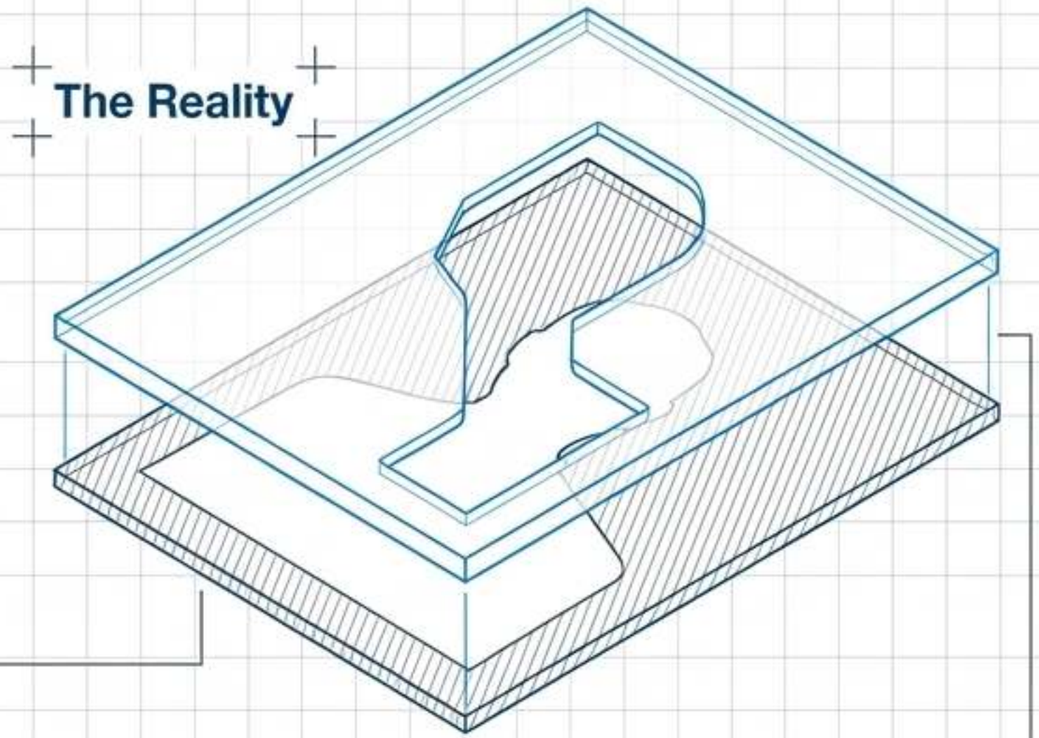
Assembled Unit Weight

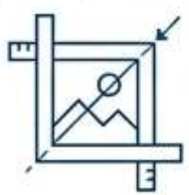
Total weight includes both acrylic panels and the actual loaded photograph.

Separate the Structure from the Graphics

File resolution cannot compensate for an unsuitable crop.

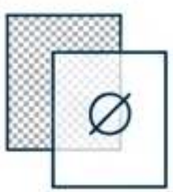






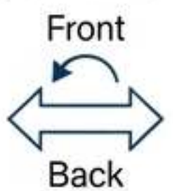
Mark the Crop

Identify exactly which faces and details must remain visible.



Identify Transparency

Explicitly map which regions remain clear acrylic and which require a printed background.

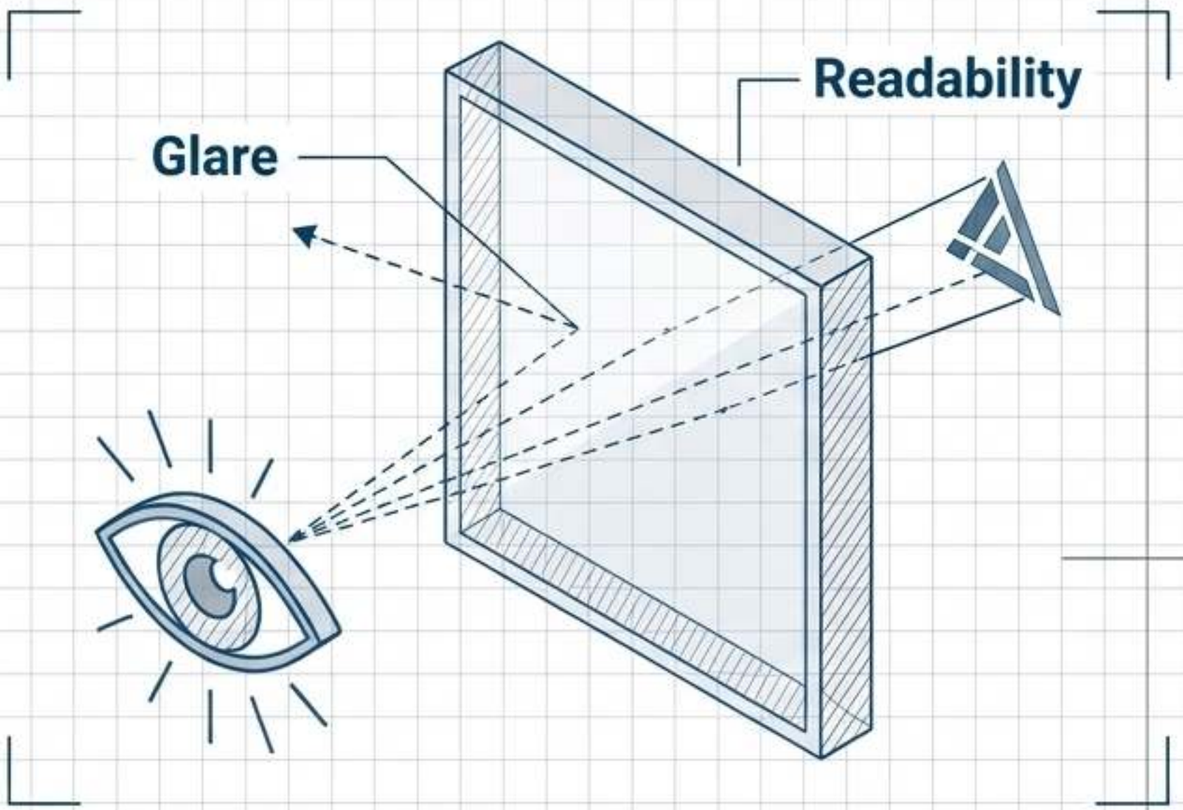


Orientation

Confirm portrait/landscape presentation and the direction of reverse-side artwork.

Evaluate Finish and Optics in the Physical World

A flat screen preview cannot replicate the optical behavior of thick assembled acrylic.



Readability

Ensure text and small logos remain clear at the intended viewing distance.

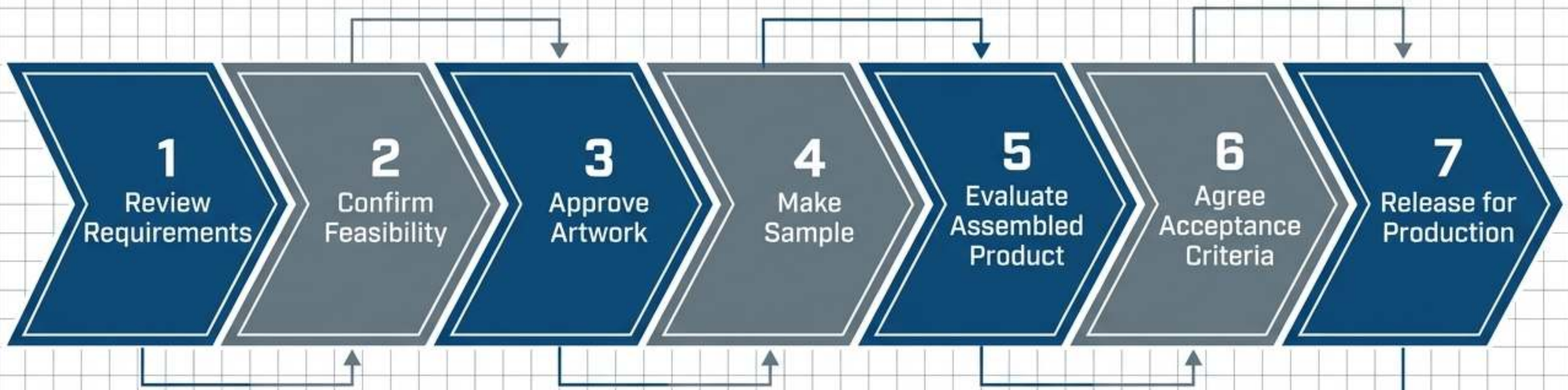
Material Finish

Evaluate the image through the proposed acrylic for visible tinting or reflected glare.

Protection Claims

Transparency does not automatically equal scratch resistance or UV fading protection. Evidence is required for specific material coatings.

The Golden Rule: The Physical Sampling Workflow



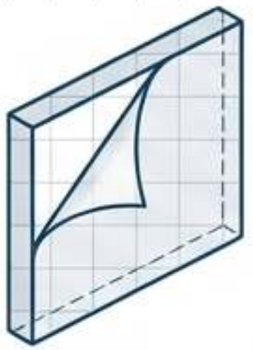
Cutting, printing, and assembly methods must be confirmed by the supplier on the sample, never inferred from other manufacturers' listings.

The Sample Inspection Protocol



Step 1: Inspect Unopened Condition

Note damaged packaging or displaced components before removing protective layers.



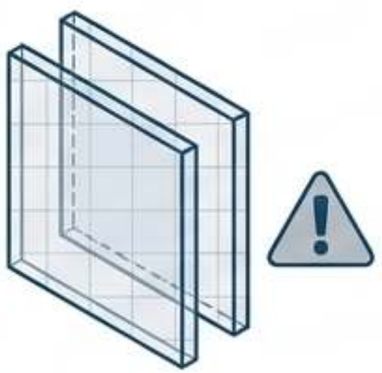
Step 2: Remove Specified Film

Follow provided sample instructions; do not assume the number of protective layers.



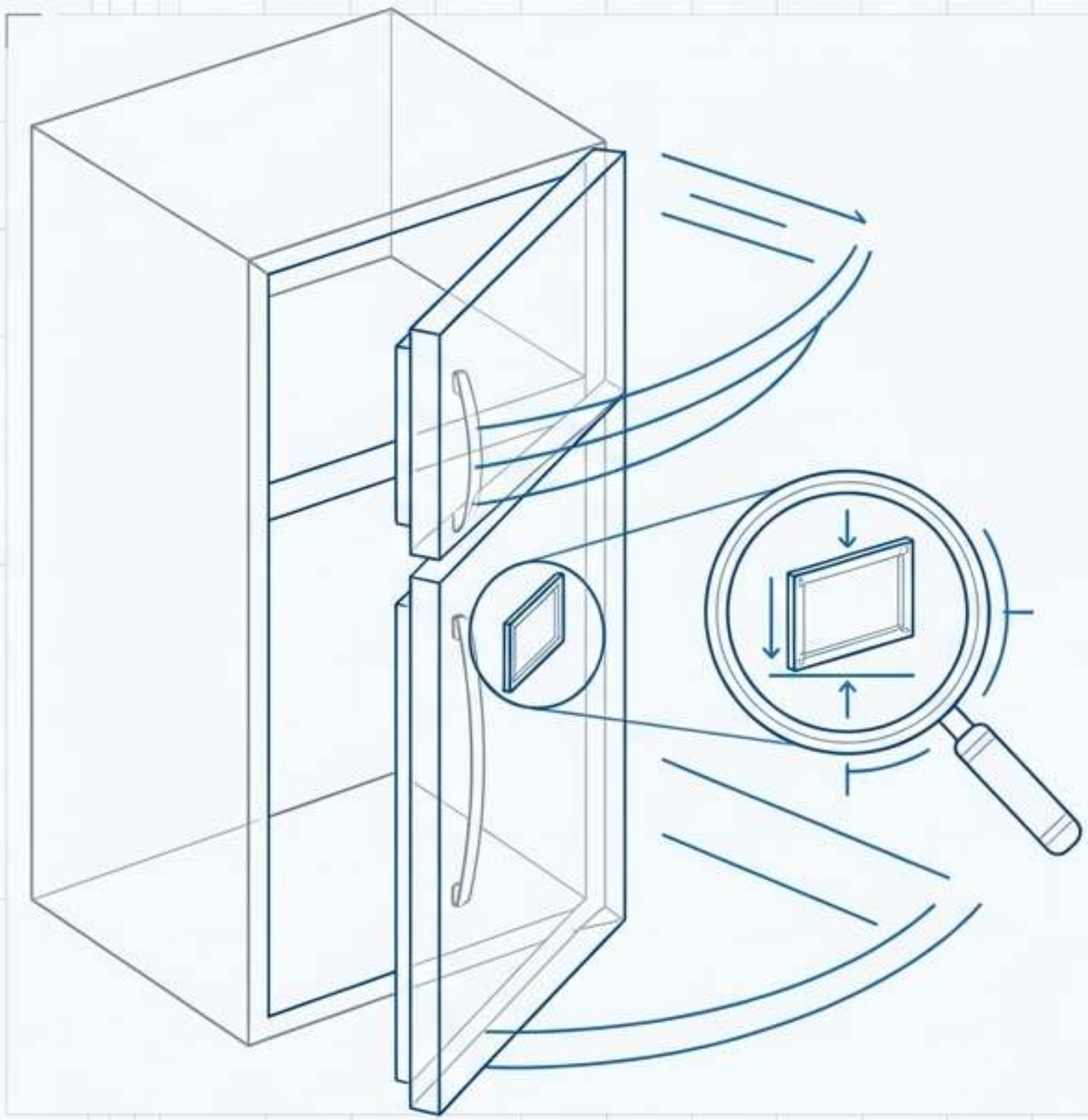
Step 3: Surface Inspection

Inspect the exposed material separately from the film. If it remains cloudy, assess the finish rather than assuming it is normal.



Step 4: Load the Insert

Use the confirmed opening method. Warning: Do not force thick inserts into a closing gap.



Kinetic Testing and Material Care

Testing Retention

- Test the loaded assembly on the actual intended surface.
- Evaluate alignment, closure, and retention during representative door movement (opening/closing).
- Record specific conditions and observed sliding or detachment.

Material Care Baseline

- Use a soft, damp, lint-free cloth and mild detergent.
- Avoid dry rubbing and abrasive cleaning (aligns with acrylic manufacturer guidance).
- Verify cleaning compatibility with custom prints or adhesives.

Translating Concerns into Acceptance Criteria

BUYER CONCERN	PROPOSED ACCEPTANCE METHOD
Unintended Cropping	Load intended insert; document fit and image position.
Scratches / Cloudiness	Remove film; inspect under agreed lighting against approved sample limits.
Slipping / Detachment	Test loaded assembly on intended surface with representative door operation.
Loose Magnets	Inspect attachment; confirm no loose components under specified test conditions.
Difficult Opening	Repeat photo-changing operation under agreed protocol; verify component condition.
Transit Damage	Inspect representative packed samples after agreed transit evaluation.

Safety, Compliance, and Environmental Boundaries



Safety (CPSC)

Loose high-powered magnets are an ingestion hazard. Loose magnets fitting the small-parts cylinder must have a flux index below 50 $kG^2\ mm^2$.

Acrylic construction does not automatically make the assembly child-safe.



Chemicals (Prop 65)

Do not assume all acrylic items require (or never require) a warning.

No product-specific OEHHA chemical exposure assessment is supplied by default.

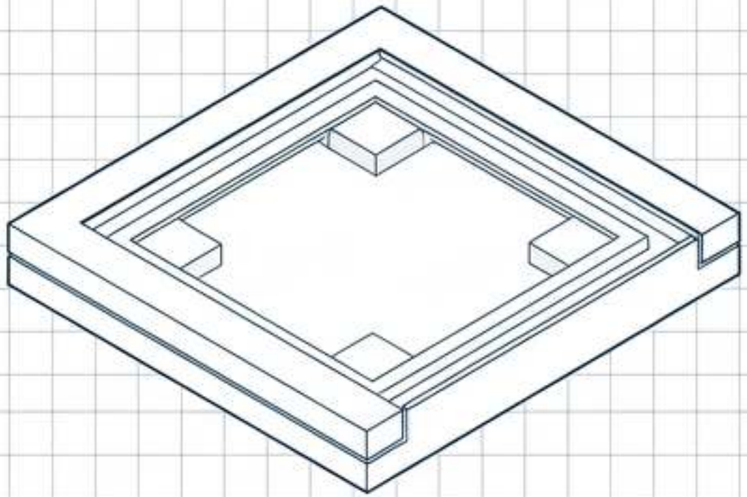


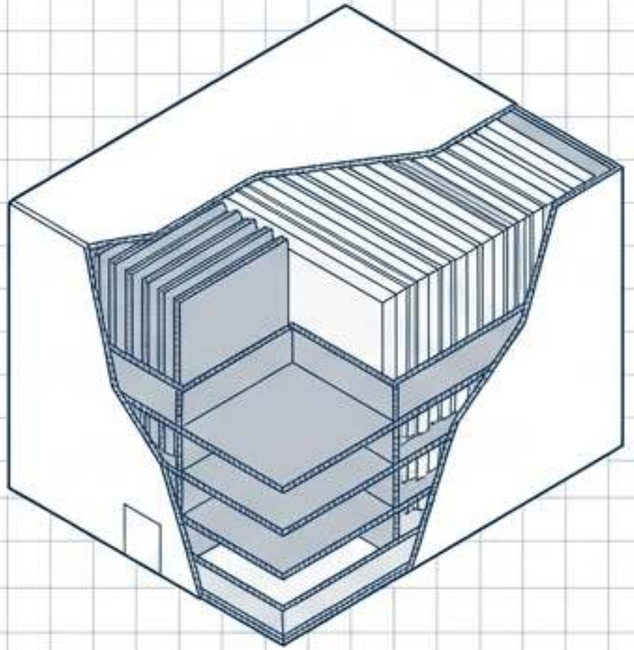
Environmental

Recycled content, recyclability, and reusability are distinct claims.

Do not transfer other suppliers' eco-claims to this SKU without component-specific evidence.

Logistics: Presentation vs. Protection



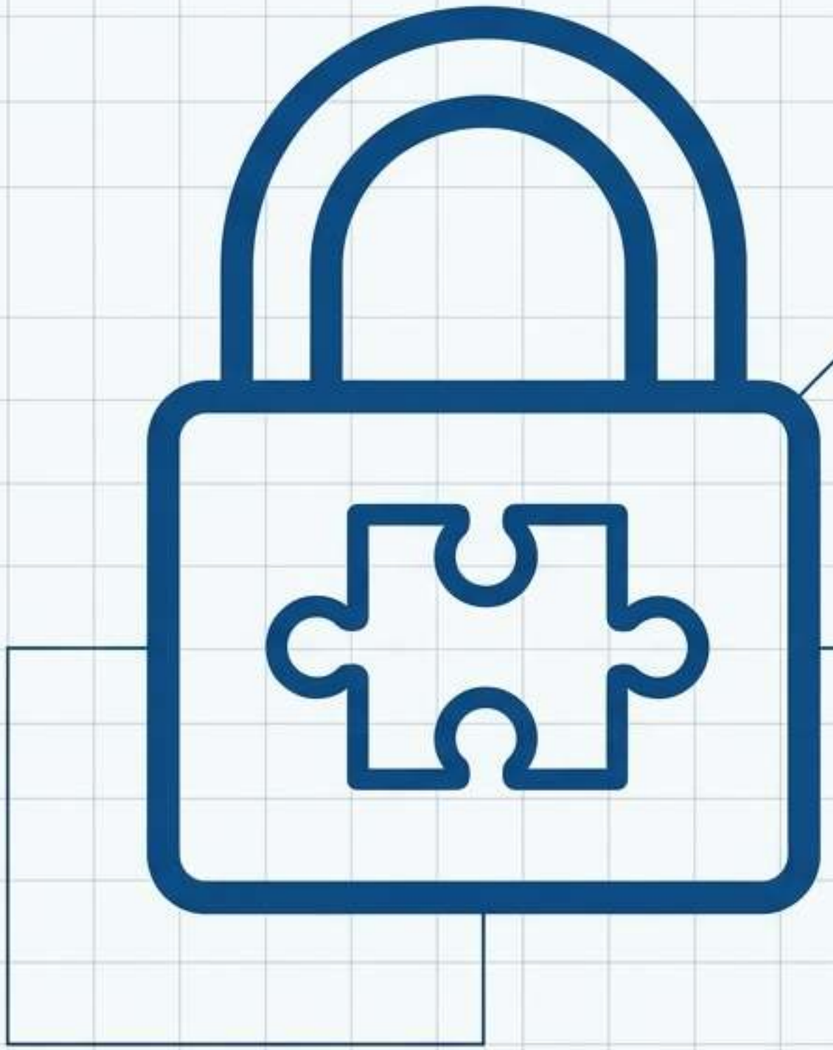


Packaging Dynamics

- Retail gift presentation is entirely different from bulk shipment transit arrangements. Neither is assumed included.
- Approve removal instructions alongside pack design (e.g., identifying protective film, noting unsuitable surfaces).

Total Delivered Cost

- Compare total project cost (Unit Price + Sampling + Customization + Packaging + Freight).
- Crucial distinction: Confirm whether the promised date refers to factory dispatch or final arrival.



Reorders Require Strict Configuration Integrity

A visually similar replacement material or magnetic component cannot inherit an earlier test result.

For repeat orders, physically retain and lock in:

- The approved physical sample.
- The exact artwork version and dimensional drawing.
- The backing specification and pack arrangement.

If any variable changes, a new sample validation is required.

The Sample-Ready Brief for ZPCM0002

A complete brief prevents suppliers from substituting generic claims for product evidence.

- [ ] **STRUCTURE**: Defined display format (replaceable vs. fixed) and exact physical print dimensions.
- [ ] **ARTWORK**: Original files with marked crops, clear transparency zones, and orientation.
- [ ] **MOUNTING**: Identified intended appliance surface type for kinetic testing.
- [ ] **LOGISTICS**: Defined order quantity, required retail packaging vs. bulk transit needs.
- [ ] **DELIVERY**: Specified final destination and required arrival timeline.

Submit this comprehensive brief to initiate the physical sampling workflow.