



English

basic Avoid mistakes before they happen!

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2026 Scale Model Dioramas & Accessories Detail Sets

MATERIAL

GUIDE

? This guide shows you exactly how the materials in RT-Diorama sets behave –so you avoid mistakes, save time, and get consistent, professional results.

Build faster. /Get better results. /Zero material confusion.



THE 3 RULES (READ THIS FIRST)

1 Use the right glue

Wrong glue = weak bonds or damaged parts.
Each material has one glue that works best

2 Prime only when needed

Some materials need primer, others perform better without it.

3 Never flood paper

Paper and card materials hate excess liquid.
Controlled paint = clean results.



LASER-CUT MATERIALS

MDF · Plywood · Bristol board · Greyboard · Photo card

Used for large structural parts like doors, window frames, floors, roof trusses and roof tiles.

→ Clean geometry, fast assembly, lightweight but precise.

Tools: Cutter · File · Hobby Knife

Glue: PVA / Wood glue · (!) CA

Prime: (!) Recommended



CAST MATERIALS

Plaster · Ceramic

Used for buildings, diorama elements and scenic bases.

→ Real texture, natural surface breakup, unbeatable realism.

Tools: Large sanding board (A3+) - Sand backside flat first!

Glue: Multi-Purpose Glue · (!) PVA

Prime: NO (Plaster) · YES (Ceramic)



SLA 3D-PRINTED RESIN

Used for high-detail accessories and micro parts.

→ Sharp edges, fine detail, parts that cannot be cast or laser-cut.

Tools: Fine side cutters · Scalpel · Tweezers

Glue: CA (super glue) ONLY · Plastic Cement → no bond

Prime: YES

PRINTED PARTS

Photo paper · Transparent Sheets

Used for posters, signs, wallpapers, floors and pre-weathered windows.

→ Instant realism with minimal painting.

Tools: Scalpel · Metal ruler

Glue: PVA / Craft glue · CA (tiny amounts)

Prime: NO - Do not paint (max. very light acrylic wash)



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