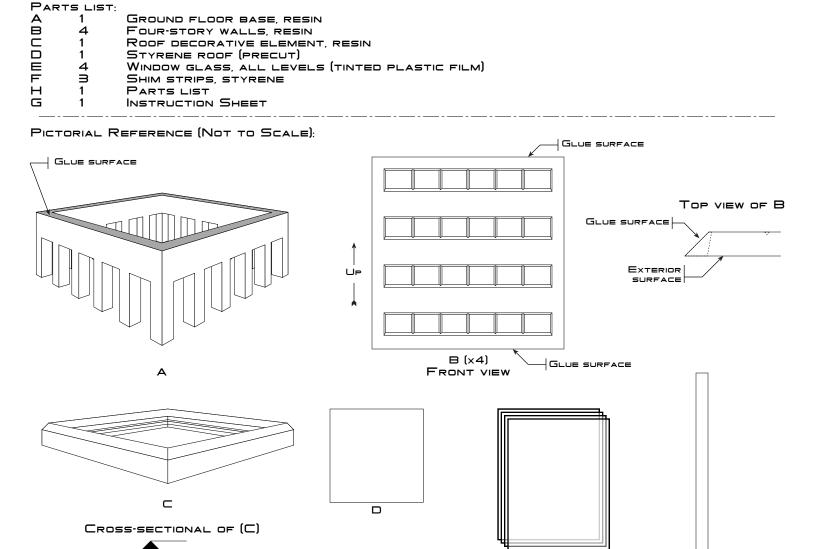


PARTS SHEET (PART H) FOR RDS INCORPORATED BUILDING (KIT) CODE: MET\_002\_RDS\_KIT



RECOMMENDED TOOLS:

GLUE SURFACE

SHARP HOBBY KNIFE 12" STEEL RULE FINE GRIT (220) SANDPAPER

FINE GRIT (EEO) SANDPAPER

FELT-TIP PEN

FLAT, STABLE, NON-POROUS SURFACE-  $6" \times 6"$  MINIMUM (PLATE GLASS, MARBLE TILE, CUTTING BOARD, ETC)

BOTTOM RECESS

(GLUE SURFACE)

RECOMMENDED SUPPLIES:
ACETONE/MEK
PAPER TOWELS
WAX PAPER
5 MINUTE EPOXY
HOBBY PUTTY
SANDABLE PRIMER
SEALER (MATTE/FLAT)
PAINT

F (x3)

E

## WARNINGS:

ALL FINE DUST IS HAZARDOUS - TAKE PROPER PRECAUTIONS WHEN SANDING RESIN.

ACETONE, MEK, AND OTHER SOLVENTS PRODUCE HAZARDOUS VAPORS, PLEASE USE WITH ADEQUATE VENTILATION.



## INSTRUCTION SHEET (PART G) FOR RDS INCORPORATED BUILDING (KIT) CODE: MET\_002\_RDS\_KIT

## IMPORTANT TIPS:

- USE WAX PAPER TO COVER WORK SURFACE THIS PREVENTS THE EPOXY FROM THE ASSEMBLY BONDING WITH THE
- WALL ELEMENT ORIENTATION CAN BE DETERMINED BY THE ANGLE OF THE WINDOWSILL. THE SHALLOW ANGLE (-10°) OF THE SIDES IS THE SAME ANGLE AS THE TOP WINDOWSILL, WHILE THE BOTTOM WINDOWSILL HAS A SLIGHTLY STEEPER ANGLE (~20°) THAN THE REST.
- WINDOW STRUTS OF THE WALL ELEMENTS CAN BE DELICATE DUE TO HIDDEN FLAWS. PLEASE WASH/HANDLE THE WALL ELEMENTS CAREFULLY.
- DO NOT USE CA GLUE, AKA "SUPERGLUE", FOR/NEAR THE WINDOW SHEETS, AS CA GLUE WILL PERMANENTLY HAZE IT.

## INSTRUCTIONS:

- 1. CHECK ALL PARTS AND READ THROUGH INSTRUCTIONS COMPLETELY.
- 2. REMOVE ANY FLASH ON PARTS WITH SHARP KNIFE.
- 3. DISCRETELY MARK ORIENTATION (UP/DOWN) ON INTERIOR OF WALL ELEMENTS (B) WITH PEN.
- 4. TRIM ROOF (D) TO DRYFIT INTO ROOF ELEMENT (C) BOTTOM RECESS WITH KNIFE AND STEEL RULE. DISCRETELY MARK ALIGNMENT/REGISTRATION POINTS ON INTERIORS WITH PEN. DO NOT ATTACH.
- 5. DRYFIT ROOF ELEMENT OVER BASE UNIT (A). ROTATE ROOF ELEMENT FOR BEST FIT, SAND IF REQUIRED, DISCRETELY MARK ALIGNMENT/REGISTRATION POINTS ON INTERIORS WITH PEN.
- 6. WASH PARTS IN MILD DISH SOAP TO REMOVE MOLD RELEASE COMPOUND AND OILS FROM PART SURFACES, RISE AND LET DRY THOROUGHLY. USING ACETONE, WIPE ALL RESIN GLUE SURFACES AND LET DRY. AVOID TOUCHING GLUE SURFACES WITH BARE HANDS.
- 7. Using epoxy, glue bottom of first wall element to base top, using SIDE MARKED FROM (5). PLACE ASSEMBLY FACE DOWN ON WORK SURFACE. IF REQUIRED, APPLY GENTLE PRESSURE TO MAINTAIN EVENNESS OF EXTERIOR. ALLOW EPOXY TO FULLY CURE.
- 8. Using epoxy, glue second wall element to assembly. Make sure THE TWO WALL ELEMENT EXTERIORS ARE SOLARE (JOINED AT A 90° ANGLE). IF REQUIRED, APPLY GENTLE PRESSURE TO MAINTAIN EVENNESS OF EXTERIOR. ALLOW EPOXY TO FULLY CURE.

COMPLETED RDS BUILDING

- 9. Using alignment marks from (5), attach the bottom of roof element to the top of the assembly WITH EPOXY. IF REQUIRED, APPLY GENTLE PRESSURE TO MAINTAIN EVENNESS OF EXTERIOR. ALLOW EPOXY TO FULLY CURE.
- 10. Glue third wall element to assembly with epoxy. Place assembly on side with exterior of third WALL FACING DOWN ON WORK SURFACE. IF REQUIRED, APPLY GENTLE PRESSURE TO MAINTAIN EVENNESS OF EXTERIOR, ALLOW EPOXY TO FULLY CURE.
- 11. Using epoxy, glue final wall element to assembly, using shims (F) as required to maintain even EXTERIOR, PLACE ASSEMBLY ON SIDE WITH EXTERIOR OF THE FINAL WALL FACING UP. IF REQUIRED, APPLY GENTLE PRESSURE TO MAINTAIN EVENNESS OF EXTERIOR. ALLOW EPOXY TO FULLY CURE.
- 12. FILL ANY GAPS BETWEEN PARTS OR SURFACE IMPERFECTIONS WITH HOBBY PUTTY. WHEN PUTTY IS CURED, SAND STRUCTURE SMOOTH, REMOVING EXCESS PUTTY.
- 13. Wash all parts in mild dish soap to remove dust and oils from part surfaces. Rise and let dry THOROUGHLY. AVOID TOUCHING EXTERIOR WITH BARE HANDS AFTER CLEANING.
- 14 PRIME ASSEMBLY AND CUT ROOF FROM (4) ALLOW ADEQUATE DRY TIME BEFORE PROCEEDING
- 15, PAINT ASSEMBLY AND CUT ROOF. ALLOW ADEQUATE DRY TIME BEFORE PROCEEDING.
- 16. SEAL ASSEMBLY AND CUT ROOF. ALLOW ADEQUATE DRY TIME BEFORE PROCEEDING.
- 17. Using Knife and Steel Rule, TRIM A WINDOW GLASS (E) TO FIT INSIDE OF ASSEMBLY ALONG INSIDE OF WALL ELEMENT. GLUE SPARINGLY WITH EPOXY, AND ALLOW EPOXY TO SET (FULL CURE IS NOT REQUIRED). REPEAT FOR EACH WALL, ALLOW EPOXY TO FULLY CURE, ON LAST WALL BEFORE PROCEEDING.
- 18. APPLY EPOXY SPARINGLY INTO ROOF ELEMENT BOTTOM RECESS, INSERT PAINTED ROOF PIECE FROM (15) UP THROUGH BUILDING INTO PLACE, PLACE ASSEMBLY UPSIDE DOWN AND LET EPOXY CURE FULLY.