

Materials used for scratch building

Foam core boards – these come in various sizes – I got mine from Hobby Lobby, but any arts and craft stores and most Walmarts, Targets, and even some grocery stores sell them.

Mat board – the kind used in photo framing - I used this for most of the roofs and for the floors on the structures that were full sized building. Any heavy cardboard would work. Also got mine from Hobby Lobby.

Plastic– I used a variety of plastic sheets for my buildings. The ones I used most are from JTT Scenery Products and Evergreen Scale Models. JTT has sheets for corrugated siding, metal ribbed roof, concrete blocks and masonry brick. I probably used these the most. Evergreen has numerous designs in siding and roofing. I used these when it was needed to better match the prototype. I also used Evergreen structural shapes for all the roofing, door and window details, and where beams and channels were called for. These are all available online or in well stocked hobby shops.

Glues – I tried several different glues to bond the plastic to the foam when I started building the structures. I first used Aleene's Tacky Glue to hold the foam boards together and used the Aleene's Tacky "Brush on" Glue to hold the plastic to the foam. It worked very well, but evidently they stopped making the brush on variety, so I tried a brand called API's Crafter's Pick. It holds about anything you want to glue. It is great for just the foam core or cardboard, but is also easily brushed on to hold the plastic sheets to the foam. It is available at Hobby Lobby or other craft stores and can be purchased online. Also, anywhere plastic touched plastic I used Model Master liquid plastic cement.