Subject: Re: 4 Pi Home Theater Build - Primer and Paint Questions
Posted by NWCgrad on Wed, 01 Jun 2011 16:54:42 GMT
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No worries on the fit of the waveguide, I had previously read your comments on the forum that they sometimes do not fit.

I will be coating the enclosures this weekend with bondo followed by sanding (and repeating as required). The cabinets front and rear baffles (plus interior) will be primed (Zinsser BIN shellac-based) and painted as close to gun metal gray as I can get. The sides will be veneered with oak (glued with contact cement per the advice of Bill Epstein) and finished w/ stain. I assume sides/top/bottom do not need to be primed. I am not sure whether contact cement adheres well to primer??????

The entire enclosure will be given multiple thin coats of polyurethane - inside and out - for a humidity barrier.

Can anyone advise on paint?

I am thinking 100% acrylic latex enamel for durability. Will apply with the typical foam cigar paint roller. I read the technical sheet for the Zinsser primer (shellac-based) and could not tell if the topcoat should be water- or oil-based. The only advantage I can think of for water-based is that it allows the polyurethane coat to be water-based, which apparently cures faster than oil-based polyurethane. Since these will be crated up late June/early July for transport to the SE Asia drying time may be a factor.