

## Rolling In Style

### 3D-Printed Flat Car Loads and Precision Paints

Apparently, flat cars aren't the flashiest model train rolling stock compared to box cars and containers. With a new line of 3D resin-printed flat car loads and accessories from Phoenix Models, model railroaders can bring the sexy back to their consists. The line of paints for 3D printing and cast resins from Tru-Color Paints ensures easy, durable paint jobs.

Straight from the creative minds of Scott and Martin Cohen, the new flat car loads come in N, HO and O scale. The list of items is long and growing, including earth-moving equipment, construction gear, and military vehicles and materiel from WWII, Korean, and Vietnam conflicts. Many of the military models were adapted to railroad scales from the standard military scales

like 1/35. Unlike other 3D printed products, Phoenix Models items are clipped from the surrounding support grid so they are ready to paint out of the package.



Specialized paints adhere to the unique 3D surface. (Top)

Loads in common railroad scales put the spotlight on the humble flat car. (Bottom)

The team continuously brings new ideas to life. A new niche is loads for gondola cars that carry bulk materials like scrap metal and aggregates.

To ensure a better painting experience for modelers, the Cohens formulated paints with enhanced adhesion promoters for 3D-printed and cast resin models. The paints have been tested using various manufacturers' standard ABS-like, flexible and engineering resins. Regardless of the exact composition of the resin, the paints will stick to the model, whether airbrushed or hand brushed.

Unlike other 3D paints, the paints are precise and accurate to color standards like Federal Standard, RLM, and British-standard color-chip fan decks for all modern military colors.

What's the difference from standard hobby paints?

Scott Cohen says Tru-Color Paints are highly saturated solvent-based paints that use an acrylic polymer to bind finely ground pigments to the model being painted, allowing for flexibility in handling.

Because of the acrylic polymer and pigment loads, paint can be sprayed right out of the bottle, allowing complete coverage in one pass.

For discerning railroad modelers, tabletop gamers and hobbyists using 3D-printed items, the Tru-Color 3D paint line delivers satisfying results. **HM**



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