

With this kit, we introduce another car designed to meet the challenge of modern industry's demand for flexible and varied freight equipment. The Bulkhead Flat Car is one of those seen throughout the American Railroad system performing all kinds of unusual task with varying and bulky loads. The length of the car will vary depending upon the needs of the shipper.

AMITY STAR MODELS is proud to offer this addition to their list of modern cars available for "S" gaugers. This kit is designed and the instructions are provided to enable the modeler to build a 58' version of the car and may be finished to simulate either a steel floor or wooden topping floor.

Please read the instructions and familiarize yourself with all the components before you start building. This kit only requires the normal tools found in every modelers kit. Don't rush.

I N S T R U C T I O N S

1. Lightly sand all the wooden parts to remove any fuzz or saw marks.
2. Carefully measure and mark off the position of the bolsters, cross-bearers and floor braces. DON'T forget to allow 1/16" for the thickness of the end-sills. Cement the bolsters in place. The prototype of this car has 36" wheels, consequently some shaving or shimming may be needed to insure proper height according to the wheels you use.
3. From the deep fish-belly center sill supplied, carefully measure the length from the plans and make the necessary angles. After making all necessary cuts, cement it in place between the bolsters. Do not close the underframe as you may wish to add weight to the model later.
4. Using measurements from the side-view, cut two side sills from 1/16" stock to the length of the car. Cement these to the body, top edges flush with the floor top. Using the same material, cut two end sills 1 7/8" long. Notch these as shown in the end view to accomodate the draft gear. Cement the end sills in place.
5. Using 1/16" stock again and measurements taken from the end view, cut ten cross-bearers. Cement these in place over your previous marks. Cap these cross-bearers with lengths of 1/32 x 3/32" stripwood. Using 1/8" stock and measurements taken from the bottom view, cut twelve floor braces and cement them in place.
6. Install the AB brake system as shown. Piping may be added for extra detail along with the brake levers and rods.
7. Using 1/16" stock and measurements from the Bulkhead template, cut two Bulkheads. Make sure your sides are square, then sand smooth. Now cut four of template "A", two of template "B" and four of template "C".
8. Cement the two template "A" pieces to the outside edges of the bulkhead making sure that you have square corners. Repeat this process for the other bulkhead.
9. Using the ladder as a guide, measure and mark off the position from the left side of the bulkhead for template "B". Cement template "B" in position. Repeat this process for the other bulkhead.
10. Using measurements from the end view, mark off positions for the two templates "C". Cement these in place. Cap these pieces with lengths of 1/32 x 3/32" stripwood. Repeat this process for the other bulkhead.