



Dear friend,
you have in your hands one of our most desired and expected models, Santa Ana. We have taken advantage of the occasion to build this magnificent ship of the line with the appearance and artillery that it presented at the Battle of Trafalgar in 1805, where, under the command of Captain José Ramón de Gardoqui, she signed a legendary battle with Vice Admiral Collingwood's ship, the Royal Sovereign.

This document serves to explain and detail the changes to be taken into account during construction. We recommend that you study this document and the model instructions in their entirety to understand the work to be performed.

1. Model appearance.

You can choose between keeping a classic look, showing wood finishes, or replicating in your model the appearance the ship actually had at the Battle of Trafalgar.

Classic finish

For reasons of environmental conservation exotic Woods have been replaced in the model by basswood. Throughout the instructions you will find these woods in the original color that they had in the previous version of the model; to give them the shown finish, you can use water-based wood dyes from Artesanía Latina: Sapele (reference 27690) and Walnut (reference 27691).

In step 13 of the instructions, the underwater body of the hull is planked. The strips 50, previously in sapele, are now in basswood, strips 50A. If you want a classic finish use the supplied sapele veneers, strips 50B, to complete a second planking in this area.

If you want a classic finish, you can continue the assembly following the instructions and the appearance of the ship shown in them.

Trafalgar appearance

If you want to finish your model replicating the real appearance that the ship had in the battle of Trafalgar, a process and paint job is necessary, which we detail below.

In step 13 of the instructions, plank the underwater body only with the 50A strips (it makes no sense to spend time and effort applying a second planking to paint it later).

After placing the rubbing strakes in step 19 of the instructions, it is a good time to paint the hull following the painting scheme in Annex I of this document. The references indicated for the colors to be used refer to water-based paints range from Artesanía Latina.

- a. Apply putty to any obvious hull defects and sand the surface smooth.
- b. Apply primer to hull. If the primer shows any previously undetected defects, repair as in (a). We recommend the use of Artesanía Latina white filler primer (reference 27701). Softly sand the entire hull surface.
- c. Paint with off-white (color 02) the area of the hull below the lower rubbing strake.
- d. Draw the ship's waterline.
- e. Paint with chrome yellow (color 33) the hull areas between the rubbing strakes (including the gunports frames).
- f. Paint with off-black (color 03) the rubbing strakes, the area between the waterline and the lower rubbing strake, and the stem.

After this process you can continue with the instructions and the painting of the stern described in step 20.

In steps 28-30 of the instructions, the inside face of the side walls should be painted with bright red (color 10).

In step 44, the rudder must be presented in its final position, marking on it the waterline and painting it following the colors of the hull (off white below the waterline, off black above it).

When you start working on the masts and yards of the model, the lower sections of the masts (pieces 361, 373, 385 and 488) should be painted with chrome yellow (color 33).

In step 78 of the instructions, the exterior face of the gunport lids should be painted with chrome yellow (color 33) and the interior face of the lids should be painted with bright red (color 10).

Copper sheathing of the hull

If you wish, you can replicate in your model the covering with copper plates that was made on the ships of this time to protect the wood and prevent mollusks from encrusting the underwater body of the hull, a fact that ended up significantly affecting the navigating speed.

Artesanía Latina markets (sold separately) adhesive copper tape (reference 27595) and an exclusive tool (reference 27320) to allow realistic marking of copper plates. You can discover this tool in the following video on our Youtube channel:

https://www.youtube.com/watch?v=RNgKzIZh1X4	
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With this self-adhesive tape and the indicated tool, it is possible to add the copper sheathing below the waterline of the hull in an easy and realistic way. We recommend adding this copper covering once the work on the hull is almost complete, just before you start assembling the rigging on the model. Don't forget to cover with copper the area below the waterline of the rudder as well!

In our YouTube channel you can find a video tutorial showing the use of this tool and the techniques to make this sheathing with the adhesive copper tape.

2. Artillery

Like many other ships, Santa Ana evolved to a greater or lesser extent during its years of service, the composition of its artillery in its last years being different from the one it presented at its delivery: several of the cannons present in the forecastle, the quarter deck and poop deck were replaced by carronades of different calibers.

This new version of the model includes these carronades to faithfully represent the ship in the battle of Trafalgar.

Added to this change, the rest of the cannons and fake cannons of the model have been redesigned, which in the previous version were represented slightly out of scale, oversized, as well as showing a wrong assembly.

In Annex II of this document you can find:

- a. Assembly instructions for the new cannons and carronades, as well as clear information on the previous cannons that must be replaced during the assembly of the model.
- b. Plan showing the location of the carronades that should replace the previous cannons.

You can apply to the assembly of the cannons and carronades the same decision you apply to the rest of the model: a more classic finish, staining the gun carriages in the desired wood color, or a more realistic finish, painting them bright red as indicated in the assembly instructions of the cannons of Annex II.