

Applying Traditional Patinas to Iron & Steel

Japanese Brown Patina on iron and steel - Sculpt Nouveau

1. Prep the steel completely by sandblasting or sanding – 120 grit.
2. Clean the sanding residue off with Industrial Metal Supply Cleaner/Degreaser or acetone.
3. Wipe the Metal Cleaner/acetone off with a towel, do not rinse with water.
4. Apply the Japanese Brown patina; heating the surface to 200° F will darken the color.
5. Let the patina neutralize for a minimum of 1 hour, if working outdoors -do not let rain get on the surface.
6. Insure that the surface is completely dry by heating with a heat gun or patina torch.
7. Spray or sponge on acetone immediately after heating.
8. As soon as the acetone evaporates apply the first layer of Permalac Lacquer.
9. Do not thin the Permalac Lacquer too much. Try to stay at 20% thinner if possible.
10. Let the Permalac Lacquer cure a minimum of 2 hours and then apply a second and third layer, letting each coat dry the minimum two hours (more time is better)
11. Apply clear or colored wax for Iron 24 hours after the last layer of Permalac.

Birchwood Casey PC9 (Presto Black) Patina on steel or iron - Sculpt Nouveau

1. Prep the steel completely by sandblasting or sanding – 120 grit.
2. Clean the sanding residue off with compressed air, and/or clean dry towels.
3. Wipe the metal with acetone, do not rinse with water.
4. Dilute the PC9 1 to 1 with distilled water.
5. Apply the PC9 patina; heating the surface to 200° F will help the patina go on more evenly, but should not affect the color. Apply with a spray bottle, emersion, or burnish on with a white scotch brite pad.
6. To even out the patina - burnish the surface with a clean, dry scotch brite pad.
7. Towel dry.
8. Insure that the surface is completely dry by heating with a heat gun or patina torch.
9. Spray or sponge on acetone immediately after heating.
10. As soon as the acetone evaporates apply the Permalac Lacquer.
11. Do not thin the Permalac Lacquer too much. Try to stay at 20% thinner (Xylene) if possible.
12. Let the Permalac Lacquer cure a minimum of 2 hours, then apply a second and third layer, letting each coat dry the minimum two hours (more time is better).
13. Apply clear or colored wax for Iron 24 hours after the last layer of Permalac.

Call or email if you have questions
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