

Information Specific to Hammond Enclosures

Intended Use of Hammond Enclosures

Hammond electrical enclosures shown in this catalog are designed for industrial electrical applications and as such should be selected, transported, handled, installed, and re-fabricated by qualified professional electricians. These products are not intended for resale or repackaging for household applications or use by the general public. All applications of these products should be in accordance with proper inspections, test approvals, warnings, notices, and instructions as indicated by Consumer Product Safety Regulations and all other applicable local, state, provincial, and federal laws.

Hammond Manufacturing supplies enclosures built to the 3rd party specifications (i.e. UL, CSA) as noted in this catalog. Hammond offers no guarantee or warranty as to the applicability of our products outside these specifications. If you have any concerns about the appropriate enclosure selection for your application, please contact Hammond for advice regarding the variables in your particular situation.

Hammond Paint Finish

NEMA Type 12

Hammond Type 12 industrial enclosures are finished with recoatable powder coating.

NEMA Type 4

Hammond Type 4 industrial enclosures are finished with recoatable powder coating.

NEMA Type 4X for Painted Mild Steel Enclosures

Users of previous Hammond Manufacturing catalogs may have noticed a change to the ratings noted for Type 4 painted mild steel enclosures. Previously, Hammond catalog's have shown that these enclosures also carried the Type 4X designation, but this is no longer the case. There has been NO CHANGE WHATSOEVER to the quality of the Hammond paint finish. Hammond has removed the 4X approval from this catalog only to avoid misapplication of painted steel enclosures. The testing criteria for Type 4X is not as rigorous as many users may assume.

It is important for users to understand the NEMA 4/4X rating. In response to concern about the costs of corrosion, the Underwriters' Laboratory (UL) and the National Electrical Manufacturers' Association (NEMA) have developed a rating system for electrical enclosures, stipulating that certain minimum conditions of corrosion resistance be met.

Material tested to UL1332 (type 4 protective coating) is prerequisite to a type 4X salt spray test. The NEMA 4X rating is applied to material that has met, under laboratory conditions, a two hundred hour salt spray with no worse pitting than that exhibited on a Type 304 Stainless sample run at the same time. This rating, however, does not test for corrosion resistance beyond this, or with chemicals other than salt.

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Repainting Hammond Enclosures

Instructions For Repainting Hammond Standard Paints & Powders

IMPORTANT: Check with your paint manufacturer to insure the paint you are applying is compatible with the paint on the Hammond product.

Hammond paints are re-paintable with most baking enamels, alkyd air dry enamels, industrial acrylic enamels, two component urethanes & two component epoxy's by following the instructions below.

Note: Automotive type paint finishes usually require additional surface preparation when applied over polyester powder finishes. Contact the paint supplier for more information.

IMPORTANT: For best adhesion results, correct surface preparation before painting is essential.

Type 12 and Type 4 Enclosures

INSTRUCTIONS FOR REPAINTING HAMMOND POWDER COATED PRODUCTS

- All Hammond standard powder coated products can be repainted.
 - Check with your paint manufacturer to insure that the paint you are applying is compatible with the paint on the Hammond product.
 - (Hammond uses Polyester and Hybrid powder coatings on standard catalogue products) - Always test the repainting process in an inconspicuous area prior to use.
 - This painting instruction applies to ANSI 61 (Gray) and RAL7035 (Light Gray).
 - All other Hammond powder paints can be repainted by following step 5.
1. **IMPORTANT** - This step is mandatory and must be done carefully.
Wipe down the entire area to be repainted with lacquer thinner or acetone. Use a clean cloth and change cloth frequently.
 2. Apply finish coats as per your paint manufacturers instructions.
 3. Allow paint to cure properly for best adhesion and hardness. Consult your paint manufacturer for proper cure time and temperature.
 4. The above procedure promotes good inter-coat adhesion. To enhance this process sanding with a 220 grit sandpaper is recommended. Remove all sanding dust using clean rags and a tack cloth.
 5. All Hammond standard powders can be repainted after a light sanding with a 240 grit sandpaper and cleaning.

Note: Always test the repainting process in an inconspicuous area prior to use.

Hammond Touch-up (Spray Cans)

Part Number	Color Match
1413BKLGS	Black - Low Gloss
1413BKS	Black
1413CGRALS	Beige RAL 7032
1413LRS	ANSI 61 Gray
1413NS	White
1413LGS	Light Gray RAL 7035
1413WH9003	White RAL 9003