



# TECH SHEET

## STRUCTURAL

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## FACTS ABOUT CUSTOM PAINTS AND FINISHES

AC Lifts' standard enamel finishes are suitable for most general commercial and industrial environments, but there are some applications where very special finishes are required.

This *Tech Sheet* provides a complete summary of the custom finishes that are commonly offered and gives some typical applications where those finishes might be used. Note that more than one finish may be acceptable in an application. This single *Tech Sheet* cannot possibly cover of all the considerations, but it hopefully will serve as a guide. Where specific detailed information is needed, consult with marketing.

### Catalyzed Epoxy (two part)

This epoxy finish has excellent chemical resistance. This finish will resist bacterial attack and it is approved by the *USDA Dept. of Meat and Poultry Inspection Division* for incidental food contact. The smooth surface finish is considerably more chip resistant than standard enamels.

Typical applications: food process areas, washdown areas, chemical processing, assembly clean rooms and pharmaceutical.

### Steel-it Epoxy (two part)

This incorporates a #316l stainless steel leafing pigment to create a hard, very durable, non-toxic metallic finish that stands up very well to chemicals, food acids, abrasion and high pressure washdown. It is *USDA* approved for incidental food contact. It is only available in a low gloss (satin) gray color.

Typical applications: food preparation and washdown areas, chemical plants, clean rooms, wet or corrosive areas

### ZRC finish (cold galvanizing)

This is a zinc rich coating containing 95% metallic zinc. It is recognized under the component program of *Underwriter Laboratories, Inc.* as an equivalent to hot dip galvanizing. This is non-toxic coating with excellent corrosion resistance, especially in a wet, damp atmosphere. It is *FDA* and *USDA* approved. The color is flat, light gray.

Typical applications: outdoors, salt spray, kitchens, washdown areas, chemical plants or corrosive environments

### Galvanized (hot dipped)

Hot dip galvanizing is not applicable to our products with the exception of the spring actuated PalletPal. The process requires dipping the entire structure into a bath of up to 800° f. These temperatures can cause distortion, warpage and some embrittlement that cannot be taken out, rendering the equipment unfit for service.

Typical applications: washdown areas in food preparation, outdoors, salt spray or corrosive environments