



**CONSTRUCTION METAL PRODUCTS
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**Construction Metal Products, Inc.
Statement on Oil Canning**

Oil Canning is a perceived waviness across the flat areas of the panels. It is a naturally occurring phenomenon that is inherent in all light gauge sheet metal. We purchase only the highest quality domestically produced light gauge metals. These metals are exactly fabricated to industry standardized mill tolerances. We actually have our metal tension leveled twice prior to panel production where the standard is typically once. We also make every effort to minimize the oil canning effect in the manufacturing of the roof panels.

Oil Canning is an inherent characteristic of metal panel roof systems. It is an aesthetic issue, not a structural problem or defect. It is typically more apparent under shallow cross lighting so its presence is more discernable during certain seasons or times of day. Also differing thermal forces can create waviness, either temporary or sustained as the sun moves across the sky. It is typically more visible on a new roof before the paint weathers to a normal gloss.

Color also plays a role in how oil canning is perceived. Wide, shiny, dark colored, light gauge sheet metal panels will exhibit a degree of oil canning that is directly proportional to the width and inversely proportional to the thickness. Darker colors simply accentuate any oil canning that is present.

In order to minimize the effect of Oil Canning, we highly recommend that your roof panels be fabricated with striations formed in the flat part of the panel. This is our standard profile.

Since there are many uncontrollable factors involved, no manufacturer can realistically assure the total elimination of oil canning. Therefore, as with all panel manufacturers, oil canning is not grounds for panel rejection.

By doing business with Construction Metal Products, Inc., you acknowledge the contents of this statement. If we can be of further assistance in providing information or pictures of various panel profiles, please feel free to contact us.