



LET'S EXAMINE THE FINER POINTS OF METAL ROOFING!

#1: NOT ALL 29 GAUGE STEEL IS EQUAL! **OVER 9% THICKER.**

THE ABM G100 panel starts with a 0.0155 inch minimum thickness steel. (The 0.0155 inch thickness is on the heavier side of the tolerance for 29 gauge material.) Because of this our panel weighs 2.20 lbs per lineal foot. Thicker steel makes a stronger panel, resisting bending and dents when installing.

Competitive 29 gauge panels can be as thin as 0.0142 inch in thickness. (This is at the lighter end of the tolerance for 29 gauge material.) Panels made with this thickness of steel would only weigh 1.97 lbs per lineal foot making a panel that is weaker and more susceptible to dents and handling damage during installation.

#2: AMOUNT OF ZINC DETERMINES THE LIFE! **67% MORE.**

The ABM G100 panel incorporates a G100 galvanize process that packs a full ounce of Zinc per square foot of coverage. This superior coverage will give the utmost protection as the Zinc provides sacrificial healing for any scratches that occur in the installation and use of a building. This premium Zinc coverage also provides additional protection against red rust at cut edges.

Competitive panels often have only a G60 Zinc coating (or 0.6 ounce of Zinc per square foot) offering a G90 as a "premium panel". This coverage provides less protection against scratches and can allow premature red rust at the cut edges.

#3: STRONGER PAINT BOND TO THE STEEL! **SCRATCH RESISTANT.**

The ABM G100 uses a Zinc Phosphate pretreatment prior to applying the primer. This process provides additional corrosion protection as well as a making the panel more scratch resistant.

Competitive panels often use Zinc Chromate or other pretreatments making their panels easier to scratch during the handling and installation process not to mention the abuse that the panel takes during every day life occurrences. Zinc Chromate also offers less acid rain protection.

#4: DURABLE PAINT FINISH! A BEAUTIFUL BUILDING.

The **ABM G100** uses a Premium Valspar WeatherX, a siliconized Polyester paint finish that has been tested for fade and chalk in the South Florida sun. We pass along the warranty from Valspar to provide you with the confidence that the performance will be as stated.

Competitive panels have a similar paint system; some manufacturers will use a lower quality paint system on the lighter pigments to reduce costs. A few use a Kynar Paint system which does have better resistance against fade and chalk but is much more susceptible to scratches and is notably more slippery when used on a roof system. Beware that many manufactures live dangerously by extend the life or editing that warranties provided by their paint supplier.

#5: HEAT FORMING! BETTER LOOKING, LONGER!

The **ABM G100** is hot! At AB Martin we heat the painted coil before we rollform the panel. This process makes the entire paint system more pliable and virtually eliminates the paint crazing caused by forming the metal cold. Paint crazing shows up as the first point of failure on the major and minor ribs of a panel. Heat Forming improves or solves this issue!

Competitive Non-Heat Formed panels will have hairline crazing on the outside radii of the major and minor ribs. This allows moisture to penetrate to the raw steel as well as exposing the zinc coating to the atmosphere. This accelerates the rusting of these areas and is excluded from paint warranties.

#6: STRONGER PROFILE! NO MINOR DETAILS.

The **ABM G100** While our panel looks very similar to others at first glance, compare the width and depth of our minor ribs. This improvement will provide a panel that when installed does not show the location or each purlin and roof imperfection. Again many manufacturers search for ways to reduce material usage and the minor ribs are often just that, very minor.

THICKER STEEL

MORE ZINC PROTECTION

MORE SCRATCH RESISTANCE

CONSISTANTLY STRONGER PAINTS

BETTER LOOKING BUILDINGS LONGER

ABSOLUTELY NO MINOR DETAIL OVERLOOKED

ALL THIS + UNSURPASSED SERVICE AT A COMPETITIVE PRICE!

