



## WHY CHOOSE ENGLERT?

Since its founding in 1966, Englert has evolved into one of the pre-eminent forces in metal roofing and gutter systems. Englert offers architects and builders the most innovative and advanced solutions that uniquely combine aesthetics and performance. Englert is widely recognized as the leader in job site roll forming, where materials are custom cut and fit on-site, to provide a seamless, high quality product, with far less waste, and at lower costs than pre-formed panels.

Since the introduction of our in-house paint line system nearly 30 years ago, Englert has been a leading provider of the finest quality metal roofing and gutter systems. Our advanced coating system includes extensive quality testing that insures that our customers receive and install the highest quality product possible. We offer architects and builders the most innovative and advanced solutions combining superior aesthetics and performance. We apply an array of value-added coatings including LEED and Energy Star compliant Kynar, silicone polyesters, polyesters, plastisols and acrylics over every major substrate including aluminum, Galvalume, galvanized or cold rolled steel. At the architect's and builder's fingertips are a wide selection of roofing and gutter profiles with all the colors, textures, finishes, architectural details and structural options any design will require.



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*Every coated coil you order from Englert for roofing or gutters goes through a 67-point quality checklist of testing and quality control at our manufacturing plant – from the moment it enters our paintline to the day it arrives on your doorstep.*

## CAN YOUR SUPPLIER MAKE THE SAME COMMITMENT?

Every Englert coil undergoes five-industry sanctioned tests and five rigorous Englert procedures to guarantee you receive the highest quality achievable in the industry. And if we think for one minute that your coil might possibly not meet our demanding standards, it will go through an additional series of 20 exacting tests and procedures before we are comfortable giving it to you. And all of this is done as your coil moves through our paintline – the most advanced in the world.



## CAN YOUR SUPPLIER SAY THE SAME?

The answer almost inevitably will have to be “NO”. Neither you nor coated coil suppliers without their own paintlines can ever be sure that the same kind of rigorous testing is conducted by coaters contracted to paint their material offsite.

In contrast, our average paintline specialist has more than 20 years of experience on our line. Our quality manager, who sets the standards for paintline quality and meticulously monitors it, has been in the business since 1968.

## OUR TESTS

At Englert, every coil we make for you is subjected to several tests. But the five key trials are designed to ensure you that the coating on your coil has the precise color, gloss, adhesion and durability you have been promised. To make absolutely certain your coil meets these demands, each of these tests is performed on every painted sample top and bottom:

- Englert’s five-step Specular Gloss Test determines the GLOSS of the paint film and verifies if the measured gloss is within the paint manufacturer’s specification limit.
- Our six-step MEK Test evaluates the degree of CURE of the baked paint film by resistance to a solvent MEK (Methyl Ethyl Ketone) to determine whether it meets the specification of the coating manufacturer.
- Our six-step Pencil Hardness Test determines the HARDNESS of the paint film and verifies if the paint hardness meets the paint vendor’s specification.
- The five-step T-Bend Test evaluates the ADHESION and FLEXIBILITY of paints over the metal by means of examination of successive 180 degree bends on the sample.
- The six-step Crosshatch Reverse Impact Test determines whether the paint ADHESION meets or exceeds the paint supplier’s specifications. It is a measure of the adhesion between paint, primer and metal and provides information similar to the T-Bend Test.

These indicators of gloss, cure, adhesion and hardness verify whether the final product is too brittle, too soft or just right, ensuring that when you run our product through your rollformer it will not crack or lose its adhesion to the metal substrate.

## ADDITIONAL QUALITY CONTROL PROCEDURES

Each coil we coat goes through a quality control checklist that assures the color you’re running is identical for every coil we process that day or for additional product you might order months or years from now.



As your coil is being coated, we employ an 11-step procedure to measure the production color from standards stored in the computer spectrophotometer. A second five-step procedure makes certain the color of the painted production strip matches the standard within .5 plus or minus Delta Lab Hunter color units to ensure color consistency from coil to coil.



In addition, we employ a five-step procedure with continuous monitoring and visual inspection to verify that potential defects are prevented or corrected. Finally, we apply a 12-step procedure to track all coils through the paint line via production reports, making sure the coil that entered the paintline is the same amount and weight when coating is completed and the coil is properly labeled and packaged. Coil and paint identity data including weights, footage and times on the paint line are always recorded for future reference.

## ARE 67 QUALITY CHECKS AND BALANCES WORTH IT?

To our paintline experts at Englert, the answer is yes. Our extensive quality checklist ensures that you have the best possible roofing or gutter product to make your customer happy. Settle for any less and you may get even less than what you settled for – peeling paint, rust and a lost reputation. We go through 67 steps every day on every coil you buy from Englert to make sure you get what you pay for – quality designed to last.



[www.englertinc.com](http://www.englertinc.com)