



FINE METAL  
R O O F T E C H

YOU'LL NEVER FIND A  
“GREENER” SOLUTION



THE PREEMINENT  
ENVIRONMENTAL CHOICE  
FOR ROOF AND WALL



# FINE METAL ROOF TECH

**Our roofing and cladding systems are the best choice for environmentally conscious buildings. They are the greenest of selections you can make.**

## Why listen to us?

Fine Metal Roof Tech is staffed with the top minds in the metal roofing and metal architectural envelope industry. Our principals originally hail from Germany and hold advanced degrees in their field, including the Meisterbrief. They are among the most skilled, knowledgeable and sought-after metal roof experts in the world.

Though knowledge can, to an extent, be purchased, innovation and experience cannot. Our team has dedicated their careers to artistry and engineering and solving for even the most difficult of designs and situations permanently.

We come from a heritage of sustainable practices. It is fair to claim that our background is decades ahead of the rest of the world when it comes to effectively building with the welfare of the environment in mind.

We are board-certified in restoration and reconstruction and have seen first-hand castles and cathedrals 800 years or more still roofed and cladded with the same metal that was originally applied. Still beautiful. Still maintenance-free. Still working. Permanence equates to sustainability. Our systems are based on these same, time-honored systems, updated for the needs of today's buildings and customized to each project.

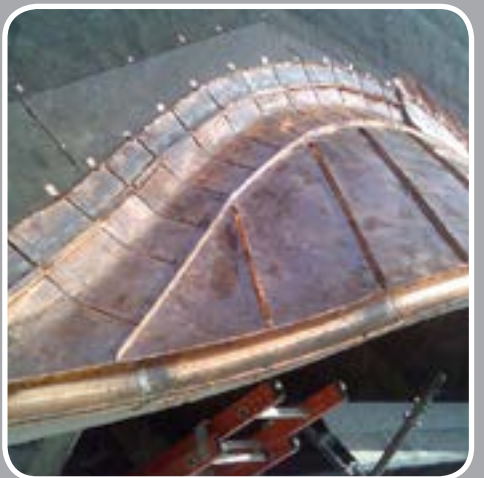
So though you can take our word that this is the most environmentally friendly system, see for yourself why nothing else even comes close in comparison.





## What do we make?

Sustainable architectural metal systems and products for roof and building envelope made easy so they are fun to plan and so virtually any contractor can install them. All the pieces interlock eliminating the need for sealants or other harmful crutches. Our interlocking shingle system and double-locked standing seam system are our most popular, but if it makes sense from an engineering perspective, we can build whatever you imagine. We make your designs come to life!





# F I N E M E T A L

## R O O F T E C H

### Environmentally Friendly Material Choices:

You can plan on a huge selection of material choices: Copper, patinated coppers, copper-clad stainless, a host of stainless steel options and finishes, a robust selection of zinc choices, titanium and a spectrum of exotic alloys to name a few. Metals are infinitely recyclable and are safe for the environment.

In fact, recycling scrap metal reduces greenhouse gas emissions and uses less energy than making metal from virgin ore. Most of our metals contain a significant amount of post-consumer material. The amount of energy saved using various recycled metals compared to virgin ore is up to:

- 90 percent for copper
- 56 percent for steel
- 92 percent for aluminum

Metal recycling also conserves natural resources. Re-

cyclining one ton of steel conserves 2,500 pounds of iron ore, 1,400 pounds of coal and 120 pounds of limestone. Recycling a ton of aluminum conserves up to 8 tons of bauxite ore and 14 megawatt hours of electricity. Unlike **every other** roof and cladding option, metals have an afterlife and they'll never end up in a landfill.

Also, because architectural sheet metal is so much thinner than other roofing options, it does not hold on to the heat or cold as those less-efficacious materials do. As such, buildings clad in metal tend to be much more energy efficient.



### Painted materials:

Our aluminum and steel (Galvalume) materials are coated with the highest quality PVDF paints on the market. Our coatings companies are very sensitive to contributing to the reduction of the carbon foot print. They use cool pigments in all their standard PVDF formulations which help reduce energy consumption. In addition, all formulas are engineered to gain maximum practical volume solids to achieve even green technologies. Our coatings companies are doing their

share by eliminating harmful raw materials from their formulas such as lead chromate pigments, too. Ask us about custom colors with custom properties!



## Building green means more than just use of sustainable materials. Building green means building with permanence:



We know that some LEED points can be added when a product is made within a specific distance from the building site. The rationale for this is, less fuel is expended which in turn contributes to less carbon emissions. Though the spirit of the sentiment is good, what this does not account for is the permanence of the product being specified. Don't succumb to the idea that everything labeled "green" is really green. If a product isn't lasting and maintenance-free, it isn't green.

Take into consideration the amount of trips to and from the job site which will be required by repair technicians. Consider the extra material that will need to be shipped back to the site. Consider the gas-guzzling construction machines and vehicles which will need to be utilized. Consider the caulk or other ineffective and environmentally polluting products that will probably be applied to fix the repair. Consider the environmental impact of the waste material. Consider that if it failed once, it will fail many times more.



Has the environment been helped by choosing a "green" material that consistently needs maintenance? Indeed, it might even have been adversely affected.



We come from a legacy of permanence where efficient buildings - built once - last maintenance-free for hundreds and hundreds of years and restoration projects are never continuously "restored". We have the ability to help you achieve the same immutable result. You do not have a one-size-fits-all project. Let us help you devise the solutions you need to achieve the lasting outcome you require for your sustainable buildings.



# FINE METAL

## ROOF TECH

Because our systems are engineered, they accept engineered accessories which further enhance green building efforts:



Snow is comprised of 98% air which we know to be one of the greatest ways to insulate a building. Keeping snow on the roof therefore, makes a great deal of sense. Our snow abatement systems are the best the world has to offer.

Our solar panel holders are the same TÜV certified products as our snow guards and similarly engineered. They go up easily and are the strongest systems on the market.



We can fabricate all manner of metal roof accessories available nowhere else. From radius gutters to seamless round valleys and any kind of technically tricky adornment, trimming, attachment or component, we are your source for all engineered metal roofing and cladding accessories.





## Versatility of design and application:

The word “green” or the phrase “environmentally sustainable architecture” frequently conjures up an image of drab and uninteresting. As a designer, it might feel like your hands are tied; that you can’t use the “brushes and paints” you need to create your masterpiece.



Boring? Us? Never!

Our systems come in a myriad of sizes and angles. And there are countless ways systems metals and finishes can be combined. If it makes sense from an engineering perspective, we’ll build anything your artistry can devise. And because the systems come from us, you know they’ll be appropriate for the application and will last.

We are continually developing new, sophisticated, innovative products. We specialize in the difficult and artistic, but we have a system for everyone. Absolutely everyone can live a better lifestyle from the benefits our products offer. The world will be much greener because of our collaborative efforts.

We look forward to working together with you to make a cleaner, more beautiful world.





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