

Red Lava

Blue Bronze

Gold Bronze

NEW FOR 2012

M³ LAVA
BLANKS, BILLETS &
KNIFE SCALES

When The Blanks
Look This Good,
Just Imagine Your
Finished Products.

Black Lava

Black Lava & Gold Bronze

Black Lava & Cobaltium

Black Lava & Red Copper

Black Lava & White Aluminum



Blanks, Billets & Knife Scales

New for 2012, M3 Lava is produced with real volcanic material from ancient dormant volcanoes found in the Southwest, USA. The volcanic ash is found in a variety of natural colors allowing for dramatic color contrast with other materials especially metal. Once reconstructed by the M3 process, the new molecular structure of the Lava is extremely strong, heat resistant and exhibits a beautiful, durable natural surface. The material is slightly hygroscopic, allowing it to absorb sweat during use and feels really comfortable in your hand.

As with all M3 composite materials, M3 Lava is unbelievably easy to turn, cut, shape and polish with standard wood working tools. Once sanded and finished, M3 Lava is very strong and holds a magnificent mat or deep mirror finish. Engineered to be dense and stable with a high strength-to-weight ratio, M3 Lava will hold the finest of detail. Colors and patterns run completely through the material and the finished product is beautiful, lightweight, very strong, comfortable to wear and to touch and will last for many generations.

In nature, when molten lava pushes through metal deposits found in the earth's deepest layers, a rare lava and metal Mokume (wood grain) is created. The engineers at M3 have recreated this very rare material by combining Lava with a variety of metals utilizing the proprietary M3 process to produce astounding wood grain effects throughout this spectacular material.

Mokume Gane (wood grained metal) originated in Japan in the 17th century as a mixed metal laminate with distinctive layered wood grain type patterns creating spectacular decorations for Samurai Swords. "M3 Mokume Gane" is a **modern interpretation** of this ancient **Japanese metal art**. Today's engineers and scientists use these "Mokume" patterns and M3 technology to create the new "super composites" that are making the privatization of space a beautiful reality.

M3 Lava Blanks, Billets and Scales are **handcrafted to exacting standards** in our facility in **New Jersey**. They are distributed worldwide through a variety of specialized niche market material distributors and online at www.MetalPenBlanks.com.

Macro-Molecular Materials (M3) are part of the new breed of composite designer materials that make everything from the Stealth Bomber to the International Space Station possible. Additionally recognized for its astounding aesthetic properties, gem quality finish and heirloom characteristics; M3 Mokume composites allow the artisan to transcend the barrier between art and craft and transform handcrafted objects into the finest heirloom quality luxury goods.

These materials are made with high purity metals and other exotic elements that have been de-constructed to the macro-molecular level and then reconstructed with highly refined chemical binders. Heat, pressure and an exothermic chemical reaction cause the molecules to cross link forming a new material with a unique macro-molecular structure. Because the M3 process distributes the molecules homogeneously the new material gains the benefit of all the unique characteristics of the individual components.

Our Guarantee: All M3 Mokume and Damascus patterns are random, created by hand and by the reaction of the elements to each other. While we have some control over the overall patterns (ie: wood grain or burl) the end result is like a snowflake or fingerprint; no two are alike. It is the random nature of the patterns that make our M3 Mokume Gane and Damascus so desirable.

If your finished work is not presentable due to an unsightly pattern or any defect in the blank then we will replace the M3 blank for **FREE**. Visit the manufacturers website for details www.M3Composite.com.

Oops Insurance (50% deductible): Mistakes happen and when they happen with an expensive material it hurts. We want you to try this material. So if you break one of your first M3 products, drill through, cut it wrong or destroy it in any manner while working with it we will replace it for 50% of the current catalog price plus shipping. Simply send us the pieces with a brief explanation of what happened.

Manufactured in the USA by:



Blanks - Billets - Panels - Coatings

Website: www.M3ci.com

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