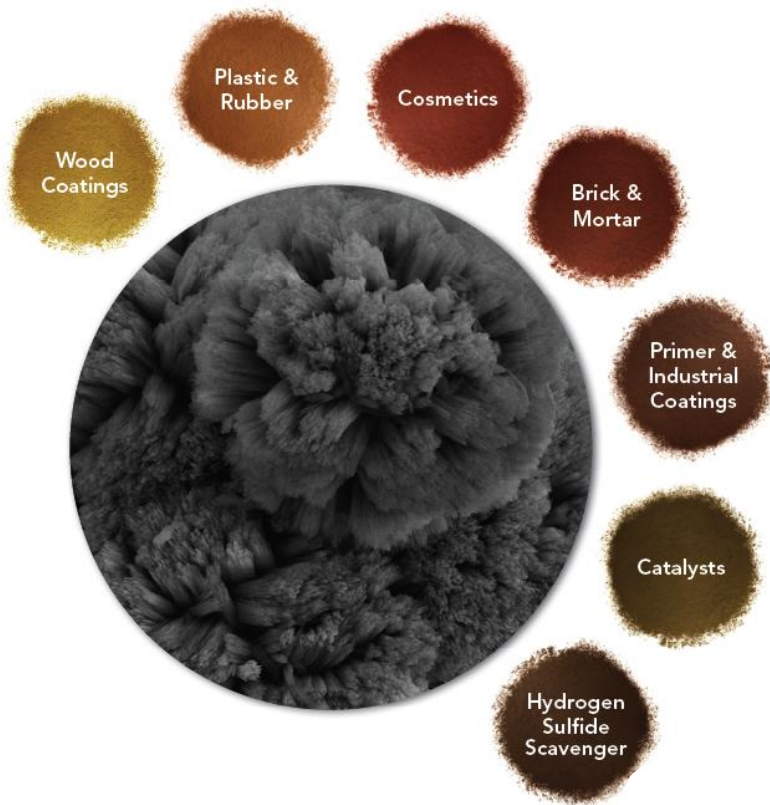


Advanced Natural Iron Oxides

Applied Minerals is proud to introduce its AMIRON™ advanced natural iron oxides for a range of pigmentary and technical applications.

Vertically integrated from mine to market, Applied Minerals' Dragon Mine property, located in Utah, USA, has been recently discovered to contain one of the purest in-situ resources of iron oxide in the world.



Key Benefits:

- High purity iron oxide
- Exceptionally low trace metal content
- Pigmentary and technical applications
- U.S.-based, vertically integrated producer
- High surface area
- Transparent and opaque grades
- State-of-the-art quality control
- Large proven resource
- Commercial capacity +10k tpa

Color Line:

- Raw Sienna
- Ochre
- Burnt Sienna
- Natural Red
- Raw Umber
- Brown
- Burnt Umber

Our Resource:

Applied Minerals' domestic resource contains 3.3M tons of high grade iron oxide in the form of limonite, goethite and hematite, grading 95% on average.

With world class resources, production capabilities, quality control and the technical support to match, Applied Minerals' mission is to become the industry's most reliable vertically integrated US source of advanced natural iron oxide products to the global marketplace.



The statements above are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, expressed or implied, including that any such use is free of patent infringement. Use this chart as a guideline only. The colors may not exactly represent the final color.

AMIRON Product Portfolio
8.0% Pigment Loading – Alkyd Gloss Paint



SEMI-TRANSPARENT WOOD COATINGS

AMIRON:ST™ semi-transparent pigments are manufactured for use in pigment applications such as exterior wood coating: fencing, decks, and siding as well as interior wood coating such as stairs, doors, and furniture finishing.

Key Benefits:

- Good dispersibility
- Color consistency
- UV protection



Mass Tone and Tinting Strength After Horizontal Media Milling <1µm
- Acrylic Resin



Benefits of AMIRON™: Pigment and Extender in Coatings

- Color consistent earth tones with high tinting strength from high Fe₂O₃ content
- Transparent and opaque grades
- Excellent dispersibility in powder form
- Meets the solar reflectance index requirements (LEED-NC)
- Extra-low soluble salts
- Higher surface area than synthetic iron oxides enabling performance as a natural extender and provider of better UV durability
- Extreme color permanence
- Reliable US based source and supply with guaranteed product consistency

TECHNICAL CONTACT:

Rogério Galante – Head of Iron Oxide Business Unit
rgalante@appliedminerals.com
 (212) 226-4253