

# Mattex<sup>®</sup> PRO

High Performance Extender for  
Improved Scrub and Burnish

## Improving coatings products and maximizing performance

Mattex PRO is a patent pending, engineered, high performance kaolin-based product designed for use in flat architectural paints. It is uniquely structured to provide very high scrub resistance properties and very low sheen while maintaining excellent hide.

Its very low sheen and gloss make it ideal for paints that require excellent touch-up properties without the use of flattening agents. Flattening agents have either high levels of crystalline silica or tend to have very high oil absorption which has adverse effects on film porosity, stain resistance and scrub resistance. Mattex PRO simplifies paint formulation by eliminating other extenders and simplifying the inventory management of multiple raw materials.

### Benefits of using Mattex PRO:

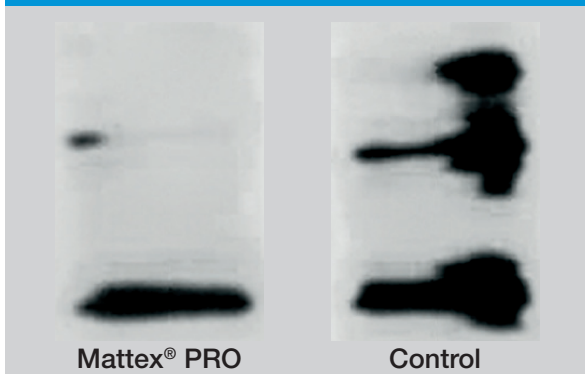
- » Provides up to 30% higher scrubs over conventional kaolin-based products
- » Maintains excellent hide and tint strength
- » Simplifies paint formulating by eliminating the use of flattening agents
- » Improves burnish resistance
- » Enhances touch-up of flat paints



Want to  
learn more about  
Mattex PRO?

Visit  
[kaolin.basf.com](http://kaolin.basf.com)

**Mattex PRO increases  
scrubs up to 30%\***



Mattex<sup>®</sup> PRO

Control

ASTM D2486 Scrub Test

\* Based upon internal lab work, results may vary with formulation

Mattex PRO is made by



Mattex PRO distributed by



# Mattex<sup>®</sup> PRO

## High Performance Extender



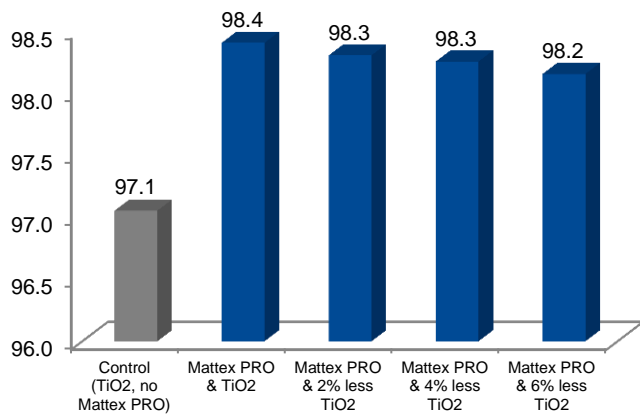
**Mattex PRO** is a patent pending, engineered, high performance kaolin product designed for use in flat architectural coatings. BASF Corporation is the world's largest calcined kaolin producer for the architectural coatings industry.

## BASF Kaolin & your formulation = improved cost & performance

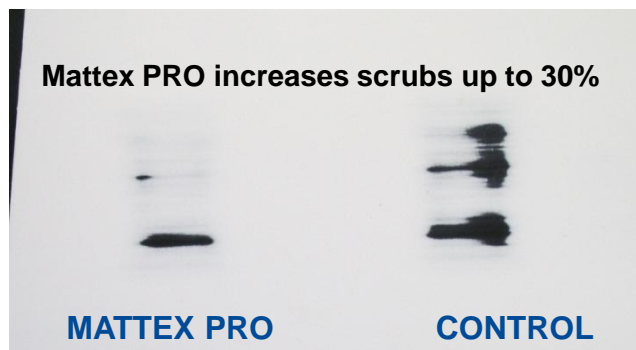
### Performance Highlights

- Uniquely structured to provide high scrub resistance properties
- Ideal for paints that require excellent touch-up properties without the use of flattening agents
- Simplifies the inventory management of multiple raw materials
- Simplifies paint formulation by eliminating other extenders
- Maintains excellent hide
- High tint strength
- Low sheen

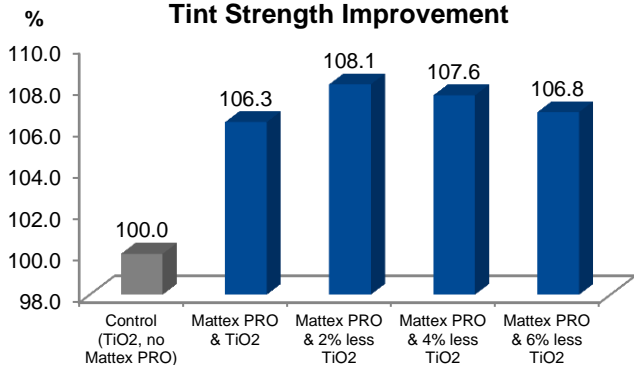
### Contrast Ratio



### ASTM D2486 Scrub Test



### Tint Strength Improvement



### Physical Properties

Physical Form	Highly Pulverized
Special Modifications	Dehydroxylated
Screen Residue, 325 Mesh (%)	0.5
Free Moisture (%), measured at 105°C	0.5
pH (20% solids)	4.5
Median Particle Size, Sedigraph (µm)	2.7
Specific Gravity	2.58
Bulk Density, Loose lbs/ft <sup>3</sup> (kg/m <sup>3</sup> )	20 / 416
Bulk Density, Tamped lbs/ft <sup>3</sup> (kg/m <sup>3</sup> )	44 / 704
Oil Absorption, Rubout (ASTM D-281)	57
Mohs Hardness	5-6

### BASF Extension Portfolio

Website: [kaolin.basf.com](http://kaolin.basf.com)

### Trade Names

Mattex  
Satintone<sup>®</sup>  
ASP<sup>®</sup> hydrous kaolin

### Characteristics and Applications

Calcined kaolin for opacity, touch up, and scrubs  
Calcined kaolin for a range of architectural coatings  
TiO<sub>2</sub> extenders for the architectural coatings industry

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