

IMERYS

Products  
for Paint & Coatings

High Performance  
Matting Additives

DIATOMITE

WORLD  
MINERALS



## Engineered amorphous aluminosilicate

OpTiMat™ matting agents are the leading products in the decorative paint industry.

Exceptional purity, whiteness and particle size distribution control are among the key parameters that make them suitable for a broad range of paints.

### Benefits include:

- › Exceptional Matting Effect
- › High Whiteness
- › Good Burnish/Scrub Resistance
- › Low Specific Gravity
- › Good Surface Smoothness

OpTiMat™ matting agents exhibit unique performances and are available in three grades to accommodate a wide range of surface aspect requirements:

## Diatomite

IMERYS is the world's leading supplier of Diatomite with extensive worldwide reserves.

### Benefits include:

- › Excellent Matting Effect
- › Excellent Opacity (CelTiX™ grade)
- › Good Whiteness
- › Burnish & Scrub Resistance
- › Low Specific Gravity
- › Breathability Control
- › Natural Silica Structure

Diatomite is available as natural or flux calcined products.

## Contacts

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DIATOMITE

# Matting agents for decorative and industrial coatings



	FLUX CALCINED DIATOMACEOUS EARTH				ALUMINO-SILICATE			NATURAL DIATOMACEOUS EARTH						
	Celite® 499	Celite® 281	Celite® 388	Celite® 110	OpTiMat™ 2040	OpTiMat™ 2550	OpTiMat™ 3060	Diafil® 590	Diafil® 570	Diafil® 530	Diafil® 525	Celite® 266	CelTIX™	
WATER-BASED DECORATIVE	Semi-gloss & Eggshell	●	●		●	●					●		●	
	Matt - Exterior	●	●	●	●	●	●	●	●	●	●	●	●	
	Matt - Interior	●	●	●	●	●	●	●	●	●	●	●	●	
	Undercoats	●	●	●	●	●	●	●	●	●	●	●	●	
SOLVENT BASED DECO	Semi-gloss & Eggshell	●	●	●	●	●	●	●	●	●	●	●	●	
	Matt	●	●	●	●	●	●	●	●	●	●	●	●	
	Primers & Undercoats	●	●	●	●	●	●	●	●	●	●	●	●	
PROTECTIVE & OEM COATINGS	Metal Primers	●							●		●			
	Furniture Lacquers - Water	●				●		●	●		●			
	Furniture Lacquers - Solvent	●				●		●	●		●			
	Domestic Appliance Finishes							●	●		●			
	Coil Coatings	●				●		●	●					
	Traffic Markings		●	●	●		●					●	●	
INK	Printing Ink													
TYPICAL PROPERTIES	Crystalline Silica %	>0.1	>0.1	>0.1	>0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	Brightness (Blue Light)	95	95	95	95	84	82	82	85	85	83	83	80	85
	D 50 (µm)	14	17	19	21	20	25	30	4	9	11	11	12	11
	Oil Absorption* %	135	125	125	135	190	205	220	120	120	120	120	120	145

\*ASTM D281-Rub Out

The physical properties of the products represent typical values obtained in accordance with World Minerals test methods and are subject to manufacturing variations. They are provided here as a general reference only, are subject to change without notice, and should not be relied on for any particular application.

### Key

- Recommended
- Can be used

## Product Information

### Celite®

Flux Calcined Diatomaceous Earth from Spain for high matting performance in water and solvent based paints.

A range of different particle size distributions available to fit required sheen specifications.

### Diafil®

Natural Diatomaceous Earth from the USA for matting performance in paint.

A range of different particle size distributions available to enhance the required matting level for industrial and architectural paints.

### Celtix™

Natural Diatomaceous Earth from Mexico for multifunctionality, matching exceptional hiding performances with matting effect.

### OpTiMat™

Modified Alumino-Silicate from Spain for deep matt demand.

A range of different particle size distributions available to offer the best compromise between matting effect and paint surface properties.

