



IMERYS

# Products for Paint & Coatings

## Mica

Mica is a naturally occurring phyllosilicate, that is available in a wide range of particle sizes. Micronised, wet ground, dry ground, delaminated and non-delaminated grades are available.

Benefits in coatings include excellent mudcrack resistance, good matting efficiency, barrier protection, excellent exterior durability and chemical resistance.

IMERYS is a leading producer of muscovite mica and has production sites in France.

### Mica Properties:

Specific Gravity	2.7
Refractive index:	1.60
Mohs Hardness:	2 - 2.5

All our products are backed-up by a high standard of technical service, product development and research from a team of highly experience scientists and industry specialists. Our aim is to work actively with our customers to develop new and unique solutions to their problems and technical challenges.

## Contacts

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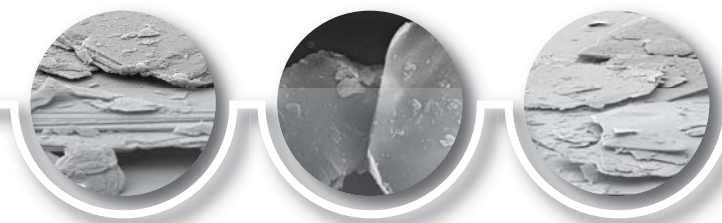
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[www.imerys-perfmins.com](http://www.imerys-perfmins.com)

# MICA

# IMERYS Products for Paint & Coatings



	0-100 µm			0-250 µm						0-500 µm				
	MU M2/1	MKT	WG 333	MU 101	MU 85F	MU 247	MU 280	M 814	M 820	MU 450	MU 454	ND 300	M 830	M 840
<b>DECOARTIVE COATINGS</b>														
Semi-gloss & Eggshell	●	●												
Matt - Exterior	●	●	●	●	●	●	●							
Matt - Exterior - Stucco	●	●		●	●	●	●							
Matt - Interior	●	●		●	●	●	●							
Decorative Effects										●	●			
Solvent Base	●	●	●	●	●	●	●							
<b>PROTECTIVE &amp; OEM COATINGS</b>														
Metal Primers	●	●	●	●	●	●	●							
Marine	●	●	●	●	●	●		●	●					
Anti-Corrosion	●	●	●											
Heat Resistant	●	●		●	●	●	●	●	●					
Intumescent	●	●		●	●	●	●	●	●					
Wood	●	●	●	●	●	●	●	●	●			●	●	●
Floor	●	●		●	●							●	●	●
Powder Coatings				●	●	●			●					
Traffic Markings	●	●	●	●	●	●	●					●	●	●
<b>TYPICAL PROPERTIES</b>														
Brightness ISO	75.0	77.0	69.0	68.0	67.0	65.0	63.0	43.0	-	55.0	54.0	-	-	-
Mean Particle Size (d <sub>50</sub> )	5.0	4.5	40	41	45	64	72	60	-	-	150	-	-	150
Oil absorption, g oil/100g	65	53	46	69	50	47	45	99	-	556	55	-	-	-
Bulk Density	300	300	230	440	440	460	480	410	350	650	700	725	405	310

## Product Information

### MU M2/1

White, micronised mica.

### MKT

White, micronised mica.

### WG 333

Fine, wet ground mica.

### MU 101

Fine, dry ground mica.

### MU 85F

Fine, dry ground mica.

### MU 247

Dry ground mica, low water demand.

### MU 280

Dry ground mica, low water demand.

### M 814

Dry ground mica flakes.

### M 820

Dry ground mica flakes.

### MU 450

Mica flakes, glitter effect.

### MU 454

Non delaminated mica flakes.

### ND 300

Non delaminated mica flakes.

### M 840

Delaminated mica flakes.

### M 840

Light, delaminated mica flakes.

The data quoted are determined by the use of IMERYS Minerals Ltd Standard Test Methods, copies of which will be supplied on request. Every precaution is taken to ensure the products conform to our published data, but since the products are based on naturally occurring raw materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our 'Conditions of Sale', copies of which will be supplied on request.

### Key

- Recommended
- Can be used