Kaolin Clay
for Paints and Coatings

KaMin
PERFORMANCE MINERALS

VALUE FROM THE GROUND UP
Value from the ground up.

KaMin LLC kaolin clays are backed by superior customer, sales and technical service.

With a state-of-the-art paints and coatings laboratory in Macon, GA, and supported by customer care in the same location, KaMin LLC backs up its technology commitment to its customer.

To further support its drive for technological excellence, direct sales personnel and a dedicated network of global chemical distributors work tirelessly to tackle tough formulation challenges.

Kaolin extenders are designed to meet the requirements for each application.

KaMin LLC is a manufacturer of high quality hydrous and calcined kaolin and its high quality reserves and proprietary processing technologies produce kaolins for a variety of applications.

Coatings Expertise
Architectural
OEM/Industrial
Powder
Specialty

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Coatings Expertise
Architectural
OEM/Industrial
Powder
Specialty

Water-Washed
Coarse
Delaminated
Fine
Ultra-fine
Treated
Calcined
Standard
Fine
Your choice in kaolin is easy.

<table>
<thead>
<tr>
<th>Product</th>
<th>Physical Form</th>
<th>Average Stokes Equivalent Particle Size (µm)</th>
<th>pH</th>
<th>Oil Adsorption g/100g</th>
<th>Brightness*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXTENDING GLOSS AND SEMI-GLOSS COATINGS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polygloss® 90</td>
<td>ultrafine powder</td>
<td>0.2</td>
<td>7</td>
<td>42</td>
<td>91</td>
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<tr>
<td>Lithosperse® 700SCS</td>
<td>ultrafine powder</td>
<td>0.4</td>
<td>n/a</td>
<td>40</td>
<td>84</td>
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<tr>
<td>KaMin™ HG90</td>
<td>spray dried bead</td>
<td>0.2</td>
<td>7</td>
<td>42</td>
<td>91</td>
</tr>
<tr>
<td>KaMin™ TEK 2001</td>
<td>spray dried bead</td>
<td>0.25</td>
<td>7</td>
<td>34</td>
<td>92</td>
</tr>
</tbody>
</table>

Maintain high gloss and lower formulation costs with these ultrafine, platy kaolin clays

- Ultrafine, highly pulverized, premium brightness kaolin clay for extending high gloss solvent and water-borne coatings
- Treated kaolin developed for inks, disperses easily in solvent-based systems without grinding
- High brightness, ultrafine kaolin extender for water-borne glossy paints and coatings, bright whites to deep tone colors
- High brightness, ultrafine kaolin extender for glossy water-borne coatings, bluer undertone vs. KaMin HG-90

**EXTENDING FLAT AND LOW-SHEEN COATINGS**

Calcined clays are structured pigments imparting opacity and scrub resistance

- Highest brightness, smallest particle size, calcined kaolin clay, more cost-effective TiO2 extender than KaMin 70C
- High brightness, work-horse calcined kaolin clay, extremely low crystalline silica content

**EXTENSION - WATER WASHED KAOLIN**

Water-washed kaolin clays offer good reinforcement, neutral pH, and extremely low crystalline silica and salt content.

- Coarsest, lowest oil absorption kaolin for both water-borne and solvent-based frost-free exterior and interior/exterior primer/sealer applications.
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- Cost effective, kaolin clay extender for both water-borne and solvent-based adhesives, inks and coatings
- Cost effective, kaolin clay extender for water-borne adhesives, inks and coatings
- Fine particle size kaolin clay for both water-borne and solvent-based EIFS, inks and coatings
- Fine particle size kaolin clay for water-borne EIFS, inks and coatings
- Fine particle size kaolin clay for water-borne EIFS, inks and coatings

**DELAMINATED KAOLIN CLAYS FOR PRIMERS AND BARRIER COATINGS**

- Large, platy delaminated clay ideal for both water-borne and solvent-based primers to reduce vapor transmission rate
- Large, platy delaminated clay ideal for water-borne primers to reduce vapor transmission rate
- Largest, platy delaminated clay, with a higher aspect ratio than Polyplate P, for water-borne paints and coatings
- Naturally delaminated clay for use in water-borne paints and coatings

* These are typical properties - not specifications

KaMin LLC mines kaolin clay deposits which have very low levels of crystalline silica. Levels are further reduced during processing. For more information, please visit [www.kaminllc.com](http://www.kaminllc.com) and select the product finder to download MSDS and technical data sheets.
What can KaMin LLC do for you?

Kaolin clays by KaMin LLC enhance the performance, cost and appeal of paints and coatings. Whether it’s an architectural, industrial, powder, or specialty coating, KaMin LLC products are formulated to provide the desired benefit for each type of coating. These benefits include:

- Cost Effective Resin and TiO₂ Extension
- Gloss and Sheen Control
- Rheology Control and Suspension
- Environmentally Friendly
- Durability, Weathering and Barrier Enhancement
- Washability and Scrub Resistance
- Opacity and Tinting Strength