QUALITY MINERALS
SEZ LIMITED

The invisible ingredient in paint, plastic, paper and rubber.

Natural micronized calcium carbonate, to be manufactured in Kenya for faster, more reliable supply across East Africa.

Company profile

Plot No. 55B, Vipingo Special Economic Zone, Vipingo, Kilifi County, Kenya
P.O. Box 499-80108
qualitymineralssezltd.com

Our job is to go unnoticed

We are setting up to make the mineral East African manufacturers build on.

Calcium carbonate helps paint cover, plastic hold its shape and paper stay bright. Get it right and nobody notices. Let it drift and an entire production run pays for it.

That is the standard we are building to. At the Vipingo Special Economic Zone in Kilifi County, we are setting up to produce natural micronized calcium carbonate from high-purity limestone, each grade milled and classified to a defined particle size.

Our ambition is plain: to be the most reliable calcium carbonate supplier in East Africa.

At a glance

Product
Natural micronized calcium carbonate

Purity
$CaCO_3$ 99.6% minimum

Brightness
96% minimum

Packaging
25 kg bags or jumbo bags

Plant
Vipingo SEZ, Kilifi County, Kenya

Markets
Kenya and East Africa

Three promises we are building to

Purity

White enough to disappear. Our calcium carbonate leaves no trace in your colour or your finish.

Consistency

The bag you open in December should match the one you approved in January.

Reliability of supply

To be manufactured in Kenya for faster, more reliable supply across East Africa.

Find the grade for your process.

Target specifications. Each grade has its own technical data sheet.

Grade	D50 (microns)	D97 (microns)	Typical uses
QM 2 SF	2	8	Coated paper, high-gloss paints and thin films
QM 2	2.5	10	Emulsion paints, paper and calendered PVC sheet
QM 2 EX	2.5	11.5	Injection moulding and PVC compounds
QM 3	3	12	Paints, PVC profiles and cables
QM 3 S	3.8	15	Rigid PVC pipes and profiles
QM 4	4.2	18	PVC pipes and alkyd paints
QM 4 S	4.6	20	Pipes, fittings and rubber
QM 5	5.2	25	Textured coatings and rubber
QM 5 S	6	30	Wallpaper, rubber and adhesives
QM 11	9	40	Adhesives, putties and rubber
QM 19	10	55	Adhesives, sealants and bulk filling

Shared by every grade

$CaCO_3$ content **≥ 99.60%**	Brightness, Ry **≥ 96%**	Moisture, ex works **0.2% max**	pH value **9 max**
Hardness **3 Mohs**	Refractive index **1.59**	Iron oxide, Fe_2O_3 **≤ 0.01%**	Packing **25 kg or jumbo bags**

D50 is the median particle size. D97 is the size that 97% of particles fall below. A human hair is about 70 microns across.

Six industries. One quiet ingredient.

What our calcium carbonate does in each of them, and the grades that usually fit.

Paints and coatings

More coverage and cleaner colour from every litre.

Usual grades: QM 2 SF, QM 2, QM 3, QM 4

Plastics and PVC

Lower cost per kilo and steadier running on the line.

Usual grades: QM 2 EX, QM 3 S, QM 4, QM 4 S

Paper

A brighter sheet with less fibre in it.

Usual grades: QM 2 SF, QM 2, QM 5 S

Rubber

Lower compound cost, consistent from batch to batch.

Usual grades: QM 4 S, QM 5, QM 5 S, QM 11

Adhesives and construction chemicals

Clean, white, well-graded bulk for adhesives, putties and sealants.

Usual grades: QM 5 S, QM 11, QM 19

Wires and cables

A clean, consistent filler for cable compounds.

Usual grades: QM 3, QM 4

The size on the data sheet is the size in the bag

Consistency is what you are really buying. Here is how the powder will be made at Vipingo.

From stone to powder

1. **Selecting the stone**
   High-purity limestone, chosen for its whiteness and calcium carbonate content. No later step can add purity the stone never had.
2. **Crushing**
   The stone is crushed down to a size the mills can take.
3. **Milling**
   Mills grind the crushed stone into powder measured in microns.
4. **Classifying**
   Air classifiers separate the powder by particle size, so each grade meets its target D50 and D97.
5. **Measuring**
   Particle size is measured by laser diffraction, and brightness, moisture and purity are checked against the grade's data sheet.
6. **Bagging**
   Each batch will be packed in 25 kg bags or jumbo bags and labelled with its grade and batch.

What a data sheet tells you

Particle size (D50, D97 and the share finer than 2 microns) | Brightness and colour | Purity | Moisture | Oil and DOP absorption | Bulk density

Quality Minerals SEZ Ltd | Plot No. 55B, Vipingo SEZ, Kilifi, Kenya
+254 717 060 009 / +254 796 000 247 | qualitymineralssezltd.com

Tell us the grade and the tonnage.

You get a price, a lead time and a technical data sheet.
No runaround.

How ordering works

1. **Tell us what you make**
   Your product, the grade if you know it, and your monthly tonnage.
2. **We recommend a grade**
   With its technical data sheet, so you can check it against your formulation.
3. **You get a quote**
   A price and a lead time for your volume and destination.
4. **We supply from Vipingo**
   Once production starts, orders will be bagged, labelled by grade and batch, and dispatched from our plant.

Call
+254 717 060 009
+254 796 000 247

Email
info@qualitymineralssezltd.com

Web
qualitymineralssezltd.com

Plant and office
Quality Minerals SEZ Limited
Plot No. 55B, Vipingo Special Economic Zone
Vipingo, Kilifi County, Kenya
P.O. Box 499-80108