

# Minerals

## ICM Technology

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# Ball Clay

Ball Clay is a member of kaolinite family and is renowned for its plasticity and green strength. They consists varying proportions of kaolinite, mica and quartz.





# Bleaching Earth

Bleaching earth is used as an adsorbent in refining to purify and decolorize a wide range of oils, fats, and waxes, including edible vegetable oils, animal fats, and mineral oils.







# Bentonite

Bentonite has wide-ranging applications due to its absorbent, adsorbent, and binding properties, including use in drilling mud, cat litter, foundry molding sands, water sealing in construction etc.





# China Clay/Kaolin

Kaolin, also called China Clay, which is a soft white clay . We bring forth Kaolin/ China Clay that is manufactured from superior quality materials that assure our customers of our authenticity.







# Calcined Bauxite

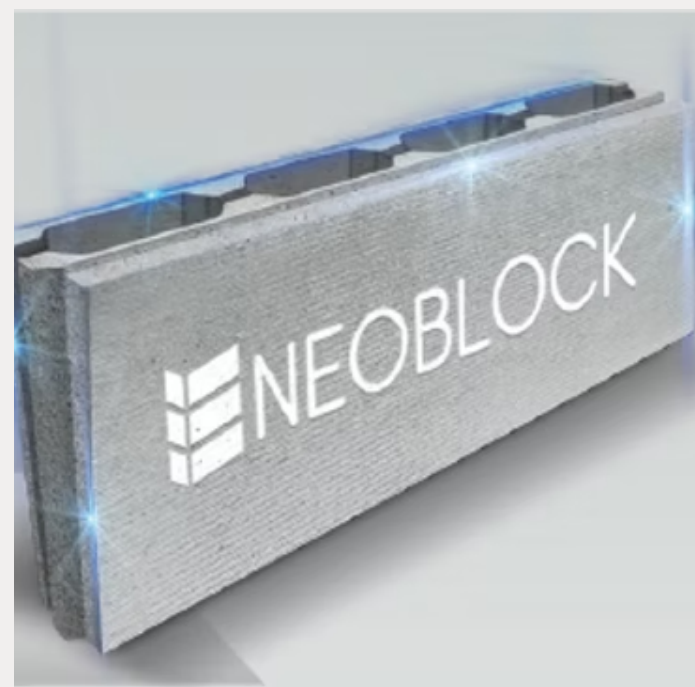
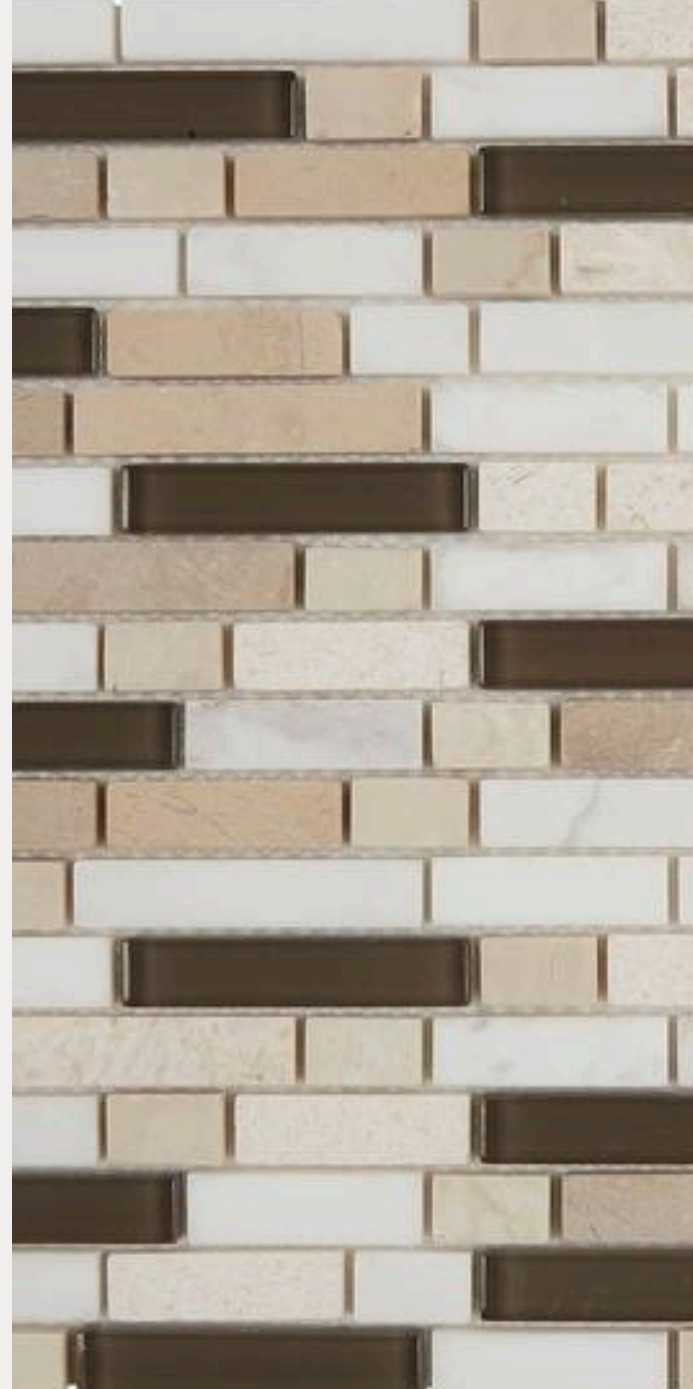
Calcined Bauxite has an alumina content of 80 % to 86 %. The heating is carried out in rotary kilns. Calcination is done at different temperatures ranging from 850°C to 1600°C





# Fly Ash

Fly ash is a fine powder which is a by-product of burning pulverized coal in electric generation power plants. Fly ash is a Pozzolans, a substance containing aluminous and siliceous material that forms cement in the presence of water.





# Micro Silica

Micro Silica is a by-product of producing silicon metal or Ferro silicon alloys. Because of its chemical and physical properties, it is a very reactive Pozzolans.





# Barite

Barite is a mineral composed of barium sulphate ( $\text{BaSO}_4$ ). Barite often occurs as concretions and voidfilling crystals in sediments and sedimentary rocks.

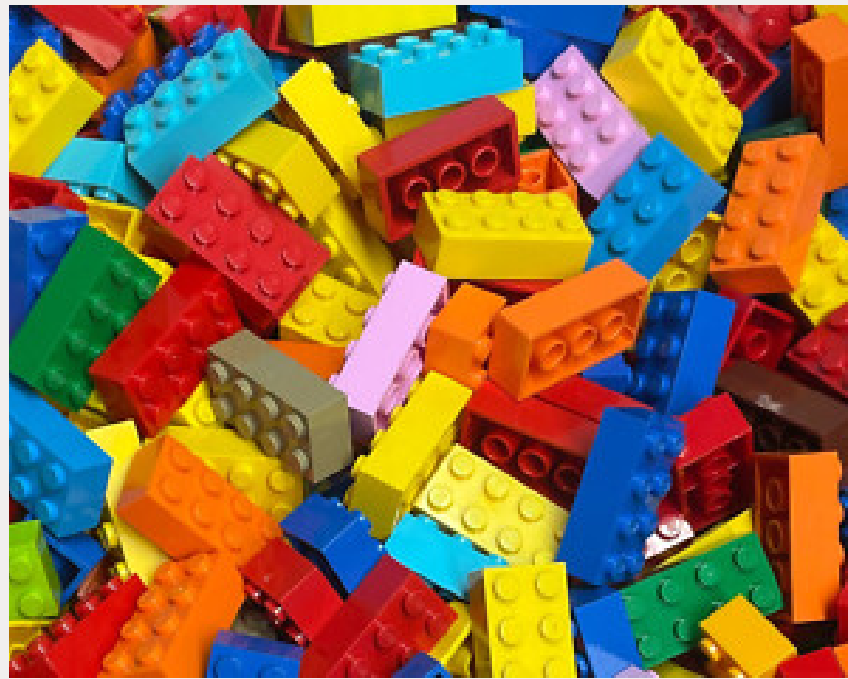






# Potash Feldspar

Potash Feldspar is known to be most abundant mineral in Earth's crust, and most products we use today have feldspar as an ingredient.





# Silica Fume

Silica fume, also known as microsilica, is an ultra-fine, pozzolanic byproduct of silicon and ferrosilicon alloy production, consisting of non-crystalline silicon dioxide ( $\text{SiO}_2$ )







# Soda Feldspar

Soda feldspar is a common aluminosilicate mineral rich in sodium oxide ( $\text{Na}_2\text{O}$ ) used in ceramics, glass, and other industries as a flux to lower melting points and improve strength and density.





# Talc

Talc is the world's softest and most hydrophobic mineral. It adds new features to products that use it as a raw material and makes processes more efficient.







# Quartz

Soda feldspar is a common aluminosilicate mineral rich in sodium oxide ( $\text{Na}_2\text{O}$ ) used in ceramics, glass, and other industries as a flux to lower melting points and improve strength and density.





# Thank you!

We exclusively source high-quality silica sand for float glass production from the rich deposits found in Australia, India, and Malaysia, thereby establishing a robust and diverse supply chain that extends across multiple continents.

This strategic approach not only ensures a steady and reliable supply of essential materials but also guarantees adherence to the stringent standards required for various industrial applications.

By selecting these specific regions, we leverage their unique geological advantages and expertise, which contribute significantly to maintaining the quality and consistency needed for our products to meet global demands.



## *contact us*

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