

Fire clay

We are manufacture and trade fire clay that ensures fine texture and superior quality. Primarily these products are manufactured exploiting superior quality raw materials available in the market. Furthermore, all these products are appreciated for their heat resistance, durability and affordability.

Different array of product for customer satisfaction

We “LRL” offer a vast selection of fire clays to the market. Every application has a specific need and no single fire clay can handle them all. Therefore production consists of different blends of raw materials to cater variety of mixes required by the market based on different customer requirements.

Storage

fire clays are stored in a dry, well-ventilated area and held off the floor on pallets. When stored outside, the bags are protected from rain or dripping water by a fixed cover. They are further protected by plastic inner sheeting, to avoid penetrating water or humidity in to the bags. Avoid storing in areas of high humidity. Normally in good storage conditions, the shelf life could be extended from 6 to 9 months.

Mixing

The object of mixing is to combine the dry materials and water into a homogenous mass.

The mixture to water ratio has to be 12 to 18 percent by weight.

Thorough mixing has to be ensured

Do not mix more material than can be placed within 15 minutes from the start of mixing

After the mix becomes uniform in colour, the remainder of the water is added in small increments to bring the mix to the correct consistency. Do not use more than the recommended amount of water without direct consultation from the manufacturer's guidance.

Curing

Cure in the forms for 12 to 24 hours. Keep the cast surface cool by lightly spraying of exposed surfaces or covering them with the damp gunny bags.

Application

This versatile compound has enough plasticity to be workable and excellent firing properties which makes ideal for filling large irregular holes in refractory masonry works. The “LRL” fire clay is exceptionally strong and possesses low firing shrinkage which can contribute to form effective mortar.