

K50830 Mother of Pearl, 0 - 125 µ

Mother of Pearl is the inner shell layer of some molluscs. It mainly consists of calcium carbonate, which is arranged in the form of tiny, parallel sheets of Aragonite. The Aragonite-crystals are glued together with a protein. This microscopic structure is responsible for light reflection and interference effects of the thin Aragonite-sheets, causing the typical pearlescent gloss. This structure is destroyed whenever Mother of Pearl is ground into a fine powder and the material loses its gloss.

50830 Mother of Pearl is a fine white powder, similar to Marble Dust, Egg Shell White or chalk. However, compared to Chalk from Champagne the Mother of Pearl is coarser. Its properties are comparable to the Japanese Shell White 46400 Gofun Shirayuki or 11410 Egg Shell White.

Mother of Pearl is especially suitable for water-based binders and tempera.