The crushed limestone and aggregates such as sand, clay and ironstone are blended together in a raw mill to a particle size of 90 micrometres, producing “kiln feed.”

The limestone is taken from a quarry and fed into a crusher and then stored until needed.

The kiln feed is blasted in a cement kiln at a temperature of 1450°C, causing clinkering to occur (small balls of up to 25mm diameter).

The clinker is mixed with additives, such as gypsum, and then ground in a cement mill, which creates cement.

The cement is then packed and distributed to consumers.

InfoGraphics

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