

Why

CERATECH's Material Technology
Is GREEN



CERATECH's cement products are comprised of 35 to 95% green sustainable industrial waste stream materials and other renewable compounds. They're manufactured via a **simple low energy**, powder blending process. CERATECHs cement products leave little to zero **"carbon footprint"**.



CERATECH GREEN CEMENT TECHNOLOGY

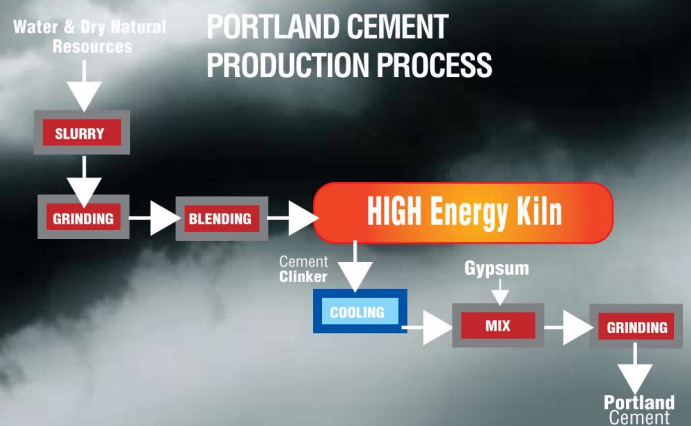
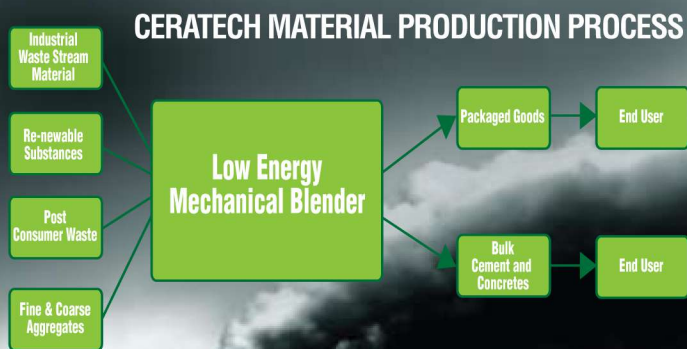
- **CERATECH's** cement manufacturing process requires only simple powder blending of just 10% of the total cement formulation. The remaining 90% of material is derived directly from coal burning power plants and is added at the point of use.
- 8% of **CERATECHs** cement technology is comprised of **re-newable substances!**
- **CERATECH** products contain 35 to 90% industrial waste stream materials and can be further extended with post consumer waste (glass) and recycled Portland cement concrete for even greater conservation.
- Recycling of waste materials **conserves non-renewable virgin resources** and land fill space.
- **CERATECHs** cements offer **Long Term Durability** resulting in less manufacturing and ultimately **less energy** needed.

PORTLAND CEMENT TECHNOLOGY

- **ENERGY INTENSIVE** - burns fossil fuel increasing CO² emission
- Uses a **vast amount** of **non-renewable virgin natural resources**
- For every ton of Portland Cement manufactured, **one ton of CO² is released into the atmosphere via calcination processing of raw materials.**
- **Worldwide the production of Portland cement alone accounts for 6 - 8% of human generated CO²**
- **55 gallons of oil** are required to produce a single ton of Portland cement
- **Portland cement concrete** requires periodic maintenance & restoration over time

! CERATECHs "green" binder technology eliminates 1 ton of CO² "greenhouse gas" per ton of material produced

*** "Worldwide, the production of Portland cement alone accounts for 6 - 8% of all human generated CO² greenhouse gas"**



For more information log on to www.ceratechmena.com
*Research & statistics acquired from EPA