

# Why

CERATECH's Material Technology  
Is GREEN



CERATECH's products are comprised of 30 to 95% green sustainable industrial waste stream materials and are manufactured via a **simple low energy**, powder blending process. CERATECH's products leave little to no **"carbon footprint"**.



## CERATECH MATERIAL TECHNOLOGY

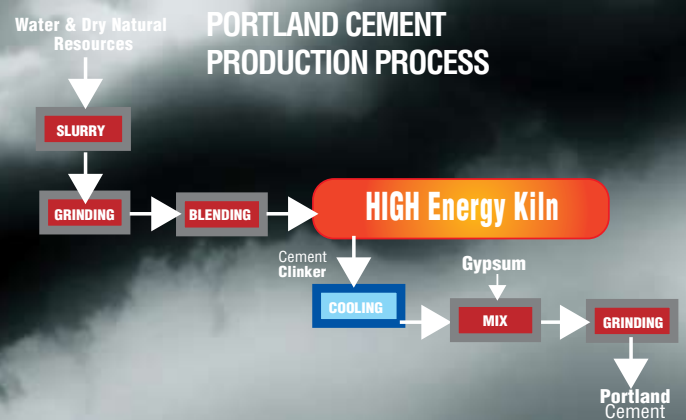
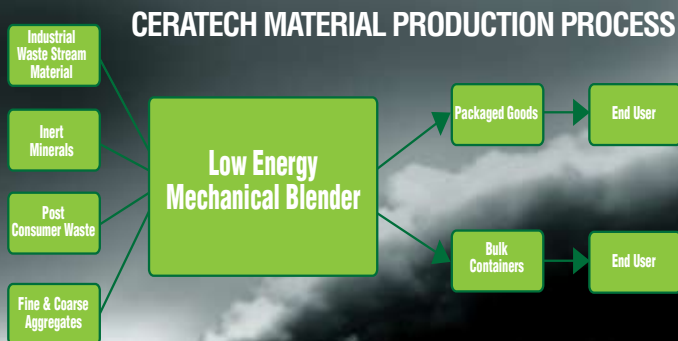
- **CERATECH's** manufacturing process requires minimal electricity, **drastically reducing harmful CO<sup>2</sup> emissions** from fossil fuel power plants.
- **CERATECH products** contain between 30 & 95% industrial waste stream materials and can be further extended with post consumer waste for even greater conservation.
- Recycling of waste materials **conserves non-renewable virgin resources** and land fill space.
- Materials offer **Long term durability** resulting in less manufacturing and ultimately **less energy** needed.

## PORTLAND CEMENT

- **ENERGY INTENSIVE** - burns fossil fuel increasing CO<sup>2</sup> emission
- Uses a **vast amount** of non-renewable virgin **natural resources**
- For every ton of Portland Cement manufactured, **one ton of CO<sup>2</sup> is released into the atmosphere via emissions from fossil fuel power plants.**
- Worldwide the production of Portland cement alone **accounts for 6 - 8%** of human generated CO<sup>2</sup>
- **55 gallons of oil** are required to produce a single ton of Portland cement
- Requires constant improvements & restoration over time

**!** CERATECH's binder technology will **eliminate 1 ton of CO<sup>2</sup> emitted into the atmosphere** per ton of material produced

**"Worldwide, the production of Portland cement alone accounts for 6 - 8% of all human generated CO<sup>2</sup> greenhouse gas"**



For more information log on to [www.ceratechinc.com](http://www.ceratechinc.com)  
 \*Research & statistics acquired from EPA