



**VESTSHELL**

[www.vestshell.com](http://www.vestshell.com)



# LIFE CYCLE OF OUR CERAMIC SHELLS

We have found solutions to recycle and give a second life to all our used ceramic shells: 200 tons or 400,000 lbs yearly



# LIFE CYCLE OF OUR CERAMIC SHELLS

We have in place :

- ENVIRONNEMENTAL POLICIES
- A Code of Ethics for our Purchasing Dept.
- Training Programs for our employees
- An Environmental committee

Note : All our recycling programs are integrated in our ISO Certification and Vestshell is also certified ECO-responsible level 1



# LIFE CYCLE OF OUR CERAMIC SHELLS

Raw materials are purchased to produce our ceramic shells



# LIFE CYCLE OF OUR CERAMIC SHELLS

Fabrication of our ceramic shells



# LIFE CYCLE OF OUR CERAMIC SHELLS

Ceramic shell waste





# LIFE CYCLE OF OUR CERAMIC SHELLS

Ceramic shell waste is transported to a local supplier (RLC) to be processed



# LIFE CYCLE OF OUR CERAMIC SHELLS

The used ceramic shells are then ground and screened to produce a coarse powder





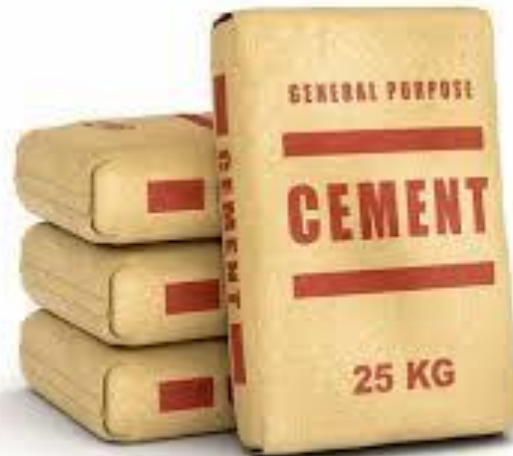
# LIFE CYCLE OF OUR CERAMIC SHELLS

The ceramic powder is then transported to a local cement factory



# LIFE CYCLE OF OUR CERAMIC SHELLS

Ceramic sand is then used as an additive in cement



# LIFE CYCLE OF OUR CERAMIC SHELLS

Vestshell recycles and finds a second life for 400,000 pounds per year of used ceramic shells. In turn, there is less material being sent to our local landfill



# Recycling & 2<sup>nd</sup> life of all our other materials

Vestshell recycles more than 2,000,000 pounds  
of our waste products (2<sup>nd</sup> Life)

Less waste products sent to the local landfill  
every year





# LIFE CYCLE OF OUR WASTE PRODUCTS

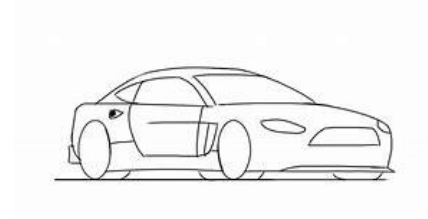
Vestshell is able to find a 2<sup>nd</sup> life for over 80% of our waste products

In 2019 - this was equivalent to:

CO2 - 1,406,906 KG



Vehicles removed from the roads - 29



Trees saved - 357





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