

Environmental Sustainability





In recent years, the growing importance of environmental issues has dovetailed with Silverlines 'value-engineering' approach to product design.

Client demand has led to the development of new "Go-Green" product offering, which helps clients and end users significantly reduce their carbon footprint.

The company's development designers and engineers use "Go-Green" thinking and principles as standard.







The aim of Silverline is to continually develop, lead and partner others to help improve the use of materials, processes and practices in terms of the impact the industry has on the environment.

Silverline achieve this aim by using Abbeysteel™ Sustainably Sourced Steel. This is a 'green branded' raw material that is exclusive and unique to Silverline within Europe and shows a significantly reduced carbon footprint for the products that contain it.







Silverline have a strategic partnership with Abbeysteel™, the world's first green brand of sustainably sourced steel.

Abbeysteel™ takes excess product from the automotive industry that would be otherwise destined for the traditional recycling route and is re-engineered into workable steel blanks, which is used in Silverline's "Go-Green" portfolio.

This saves a significant amount of CO², due to the fact that this re-used product is not being recycled, and consuming energy, within the smelting process. Using Abbeysteel™ also avoids the manufacturing of new steel.







A minimum of 15% re-used material is now guaranteed within the s:line and Freedom storage solution portfolio.

Our dedicated project team will work with you to make this percentage much higher and to verify the exact CO² figures saved for your projects.











 Virgin Steel Production
 5.3t of Co2 is produced in the production of 1t of virgin steel
 minus
 The total carbon footprint of Abbeysteel™ is 817kgs
 Equals

 Steel Recycling
 2.3t of Co2 is produced in the smelting of steel for recycling
 plus
 0.7t of Co2 is added to this as it takes 1.3t of steel to produce 1t
 Equals

The total net figure saved per tonne by using Abbeysteel™ is **4.2t**

Total Co2 saved **7.5t**

CERTIFIED

Abbeysteel™ saves 7.5 tonnes for every tonne re-used when compared to conventional sheet steel.

Silverline have saved over 3,800 tonnes of CO² from entering the atmosphere, that would have been emitted from the production of the equivalent number of tonnes of steel made.









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