

Green Credentials of Stainless Steel

Stainless steel is highly recyclable and typically contains 70% recycled material in its manufacture. This percentage is increasing. By using recycled stainless steel in the production of new material, less ores are sourced to be used in the manufacturing process so reducing the carbon footprint of the product. Source: International Stainless Steel Forum.

When structures and components that are made from stainless steel reach the end of their life they are 100% re-cycleable. Stainless steel clearly has excellent life cycle benefits. It has high corrosion resistance to provide long life values. Add the benefits of Rimex's finishes and stainless steel has aesthetics combined with reduced maintenance requirements combined with increased longevity of the product. For example stainless steel buildings are now being designed to last 100 years and when the building is eventually demolished the stainless steel will be recovered, recycled and re-used. There are no emissions from stainless steel which enables environmental credits to be claimed. Stainless steel finishes manufactured by Rimex can be designed to reflect heat to reduce building temperatures as well as the overall heat island affect of a building. Stainless steel yields long life and value qualities.