



## RECYCLED CONTENT IN STEEL

Sebden Steel Service Centres Limited purchase their incoming steel from Tier One Steel producing mills, located across Europe and further afield. Some of these mills produce their steel using the traditional Blast Oxygen Furnace process and other mills produce their steel via the Electric Arc Furnace method.

For mills which produce their steel using the Basic Oxygen Furnace method, this method uses approximately 15% to 20% of recycled steel in the production of steel. The technology used for producing steel via Blast Oxygen Furnaces has been updated vastly in the 20<sup>th</sup> Century and furnaces increased in size to improve their efficiency. This integrated method accounts for the production of 75% of steel worldwide.

For mills which produce their steel using the Electric Arc Furnace method, approximately 80% of recycled steel is used in this production process. The advantage of Electric Arc Furnaces is that they use scrap metal rather than iron ore as the main ingredient, which in turn uses less energy than Blast Oxygen Furnaces.

At the present time, both methods of producing steel remain critical to allow the continued manufacture of steel globally. Sebden Steel continue to explore all possible production processes (including the sourcing of 'Green' Steel – produced without the use of fossil fuels) to help reduce global emissions.

Signed:

A handwritten signature in blue ink, appearing to read "Mark McCausland".

Dated:

12th May 2023

**Mark McCausland**

**Managing Director**

**Sebden Steel Service Centres Limited**