METSEC DECARB

REDUCING YOUR CARBON FOOTPRINT

Are you struggling to hit your embodied carbon targets on new projects?

Introducing Metsec Decarb

Metsec Decarb significantly lowers CO_2 emissions compared to conventional steel profiles, contributing to the global effort to combat climate change.

DECARB PURLINS & FRAMING

GWP - Fossil, A1-A3 (KGcCO2E) 1.25E+00
(EPD HUB, HUB-1378)

REDUCTION of **−54.7%***

to standard Metsec Purlins and Framing
(EPD HUB HUB-0024)

DECARB DRY LINING

GWP – Fossil, A1-A3 (KGCO2E) 9.63E-01
(EPD HUB, HUB-1224)

REDUCTION of **−65.35%***

to standard Steel Framing for Dry Lining
(EPD HUB HUB-0018)

>> VALUES ACCURATE to EPD's issued in July 2024

>> No Greenwashing
>> No mass balance approach
>> No carbon offsetting

voestalpine Metsec plc
www.metsec.com

voestalpine
ONE STEP AHEAD.

LEADING THE WAY TO A SUSTAINABLE FUTURE IN UK CONSTRUCTION

Introduction to Metsec Decarb

Metsec Decarb is not just a material; it is a commitment to a sustainable future. By choosing Decarb, you are investing in the resilience and longevity of your projects, while also making a positive impact on the environment.

voestalpine Metsec's commitment to sustainable construction is emphasised by the introduction of responsibly sourced steel to our product ranges.
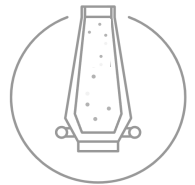
Metsec Decarb promises to make a significant contribution towards reducing the carbon dioxide and carbon footprint of the building project without compromising on performance and strength.
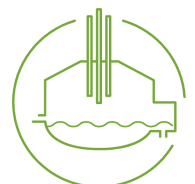
WHAT MAKES DECARB LOWER IN EMBODIED CARBON?

Manufactured by processes which minimise carbon output by using state-of-the-art electric arc furnaces powered by renewable energy, rather than the traditional blast furnace which burn fossil fuels

Traditional Steel Production

Green Steel Production

COMPREHENSIVE RANGE OF UKAS ACCREDITED FIRE TEST DATA

The comprehensive range of test data provided for voestalpine Metsec systems is applicable to Metsec Decarb. The method of manufacturing the raw material has changed, not the raw material itself. It's that simple.

These CO_2 savings are in addition to;

>> voestalpine Metsec SFS 30 Year MetWall Perform through the wall warranty.

>> Performance warranty offered by CCF & SIG via their Tradeline and Speedline range of dry lining steel profiles.

We are shaping a better, safer, and more sustainable future voestalpine Metsec is committed to undertaking its activities in an efficient and financially sustainable manner in-line with environmental best practice and meeting the requirements of ISO 14001.

ENVIRONMENTAL PRODUCT DECLARATIONS (EPD'S)

Project specific Environmental Product Declarations which accurately calculate the project savings on embodied carbon are available for Decarb projects.

Verified by independent EPD authority, EPD Hub, the declarations provide designers, specifiers and developers with comprehensive information to include in a project's sustainability assessment.

EPD's available for
>> Purlins & Framing Decarb
>> Dry Lining Decarb

Scan the QR code for voestalpine Metsec's EPD's and Life cycle assessments.
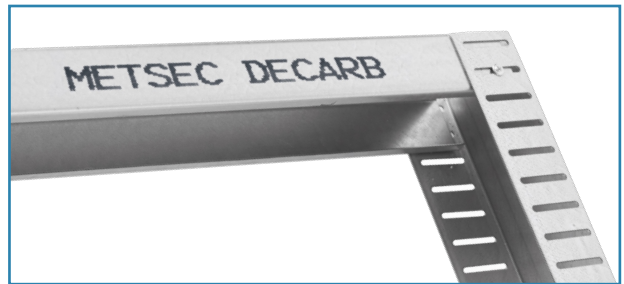
OUR DECARB PRODUCTS

Purlins

Various section depths and gauges in S450 material for
Purlins, Side rails and Mezzanine floor system.

SFS

Tracks, Studs and Joists in a range of sizes from 90m
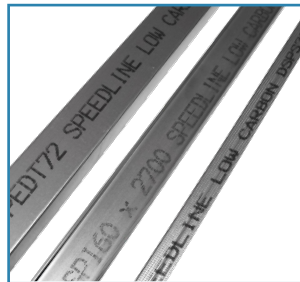to 300mm in M12, M16 and M20 gauge.

Dry Lining

Non - load bearing Stud, Track and MF Systems
available in 0.5mm and 0.7mm.

CCF Tradeline Carbon Lite.

SIG Speedline Low Carbon

Cable Management

For Cable Management Decarb products please ask us
for more details.

TRUST METSEC

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