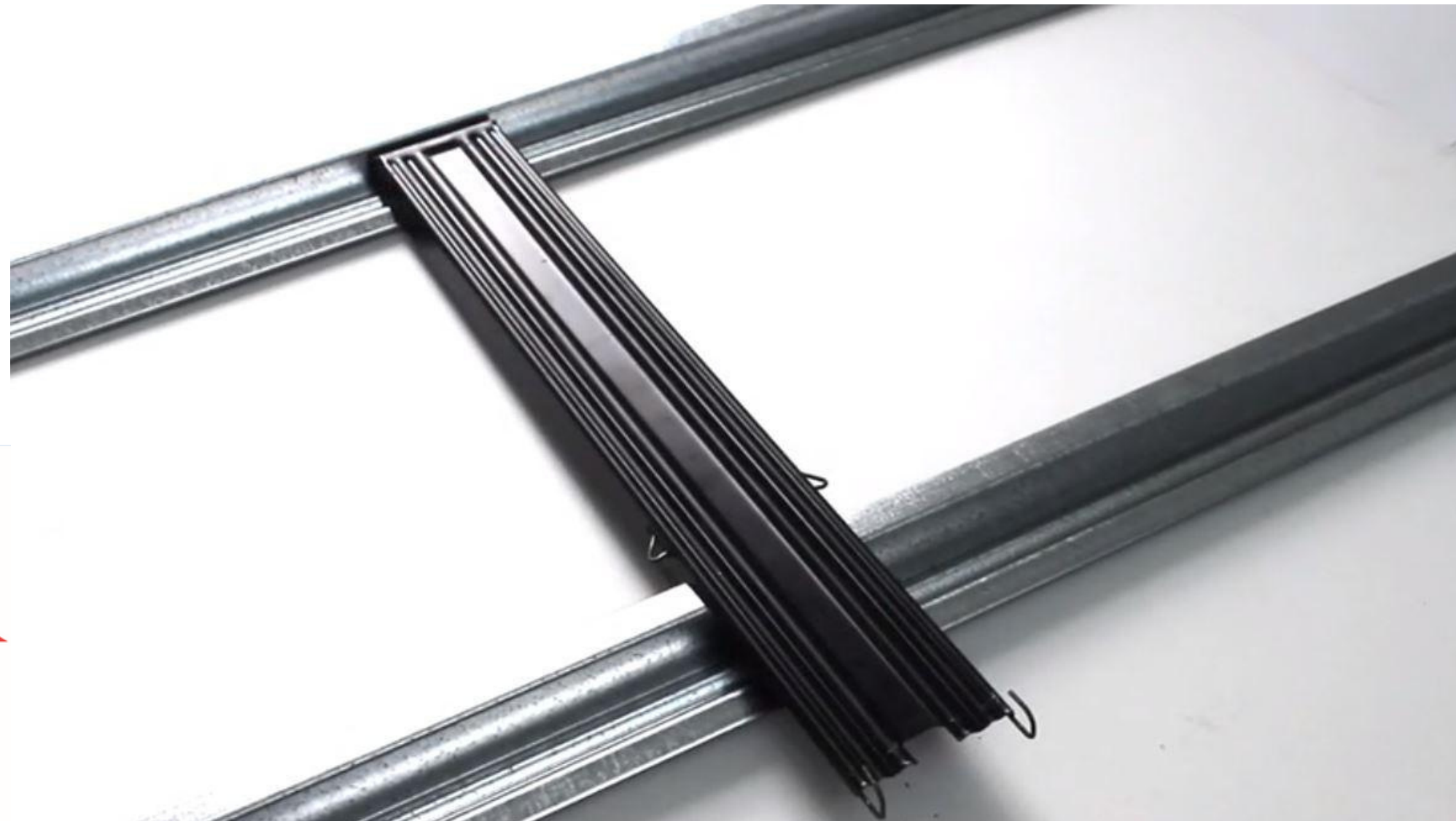


Introducing: Nulok Roofing Systems

MUCH MORE THAN A BEAUTIFUL ROOF.....



Today's Presentation

What You Should Expect

About the Company

Our Mission

The Product

Installation process

Benefits

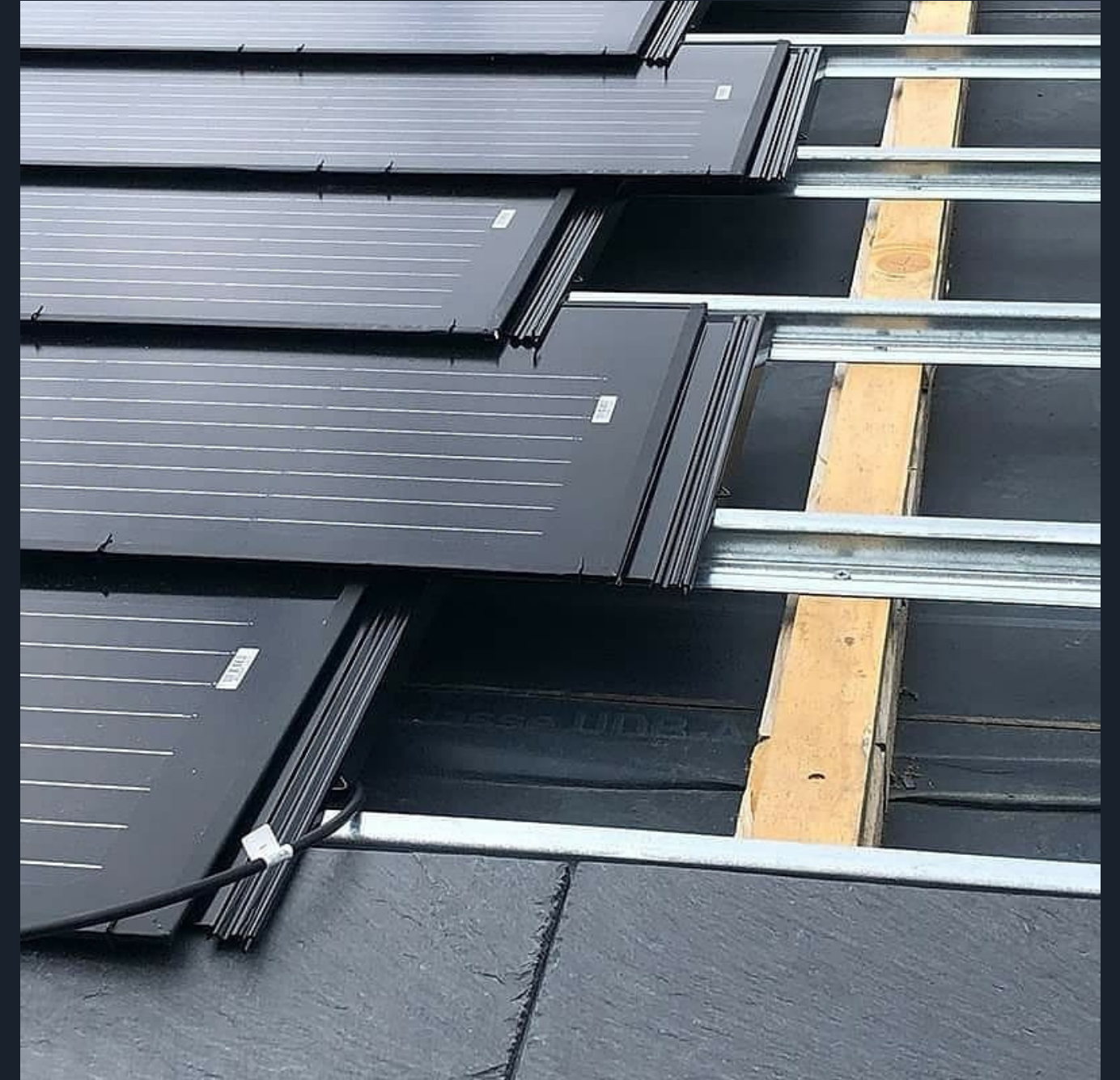
Clients & Partners

Case Studies

Sectors

Key Takeaways

Contact Info



About the Company

Our History

- 1998 Company was formed in Australia
- 2002 First roof was installed in Ireland
- 2008 Over 1000 roofs installed
- 2009-2017 Continued to manufacture in Birmingham and supply throughout the UK, Australia and America
- 2018 Bought over by long time employee Randal Stevenson. Expanded into Denmark and Germany
- 2019 Explored Offsite construction companies
- 2020 First Modular Pilot
- 2021 Rapid continued growth
- 2022 Lots of new clients, annual target reached and it's only half way through the year.

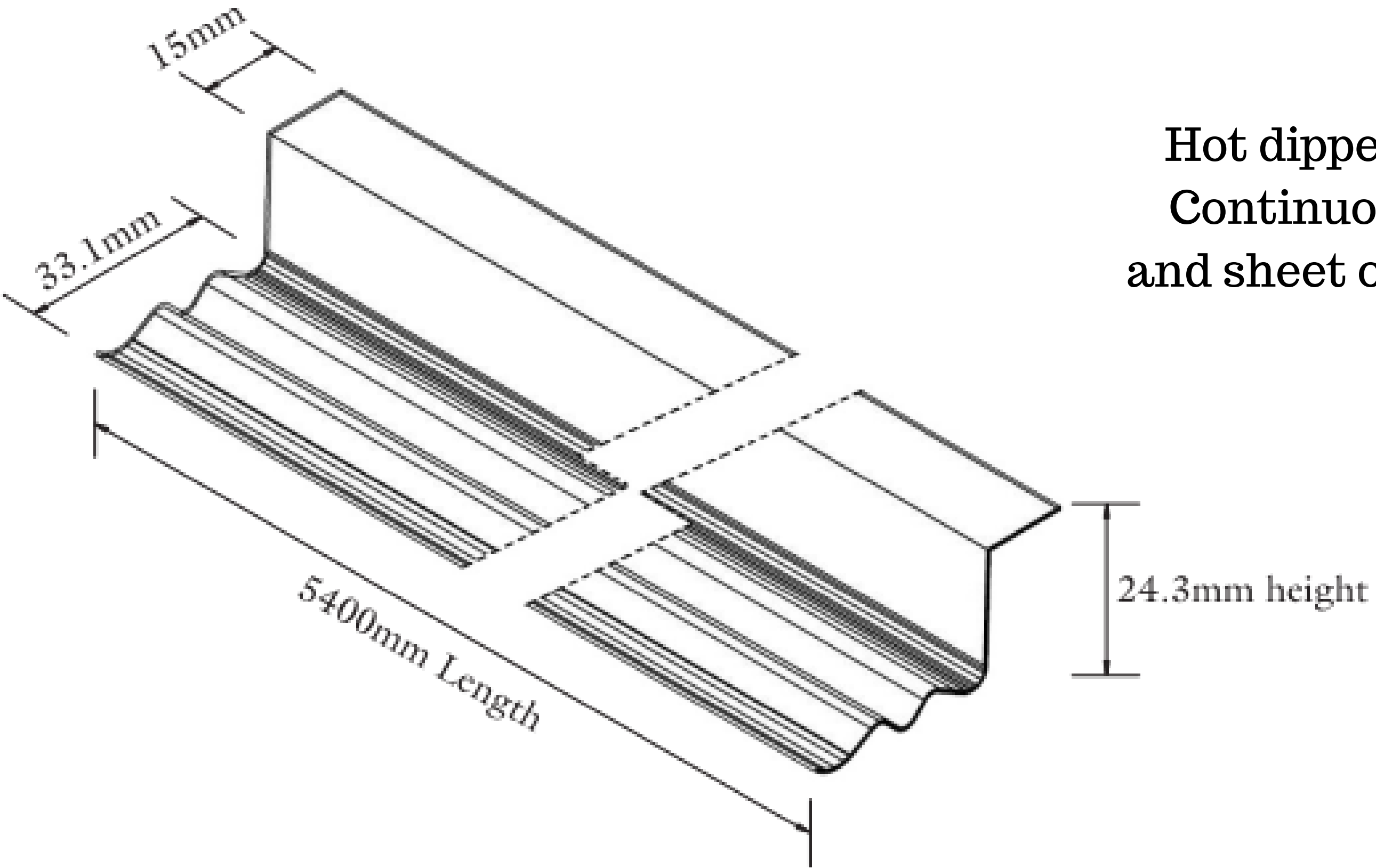


The Mission

To be involved in the design of Greener, more sustainable homes for the future, that look beautiful, reduce running costs, and are easily maintained.

This is a collective effort, and we believe that Nulok is part of the solution

Metal Batten

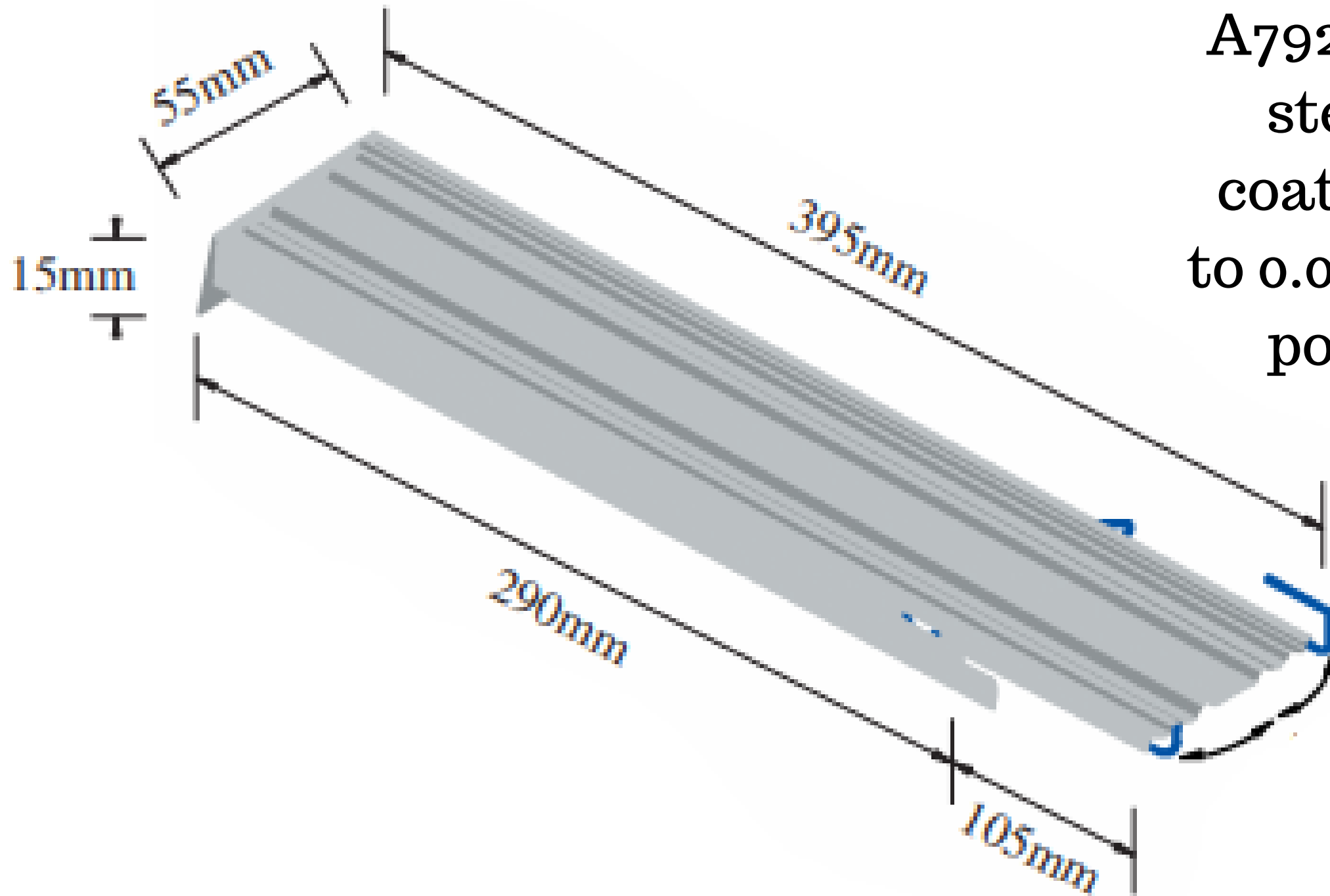


Hot dipped galvanised mild steel;
Continuously hot-dip coated strip
and sheet of low carbon steel for cold
forming

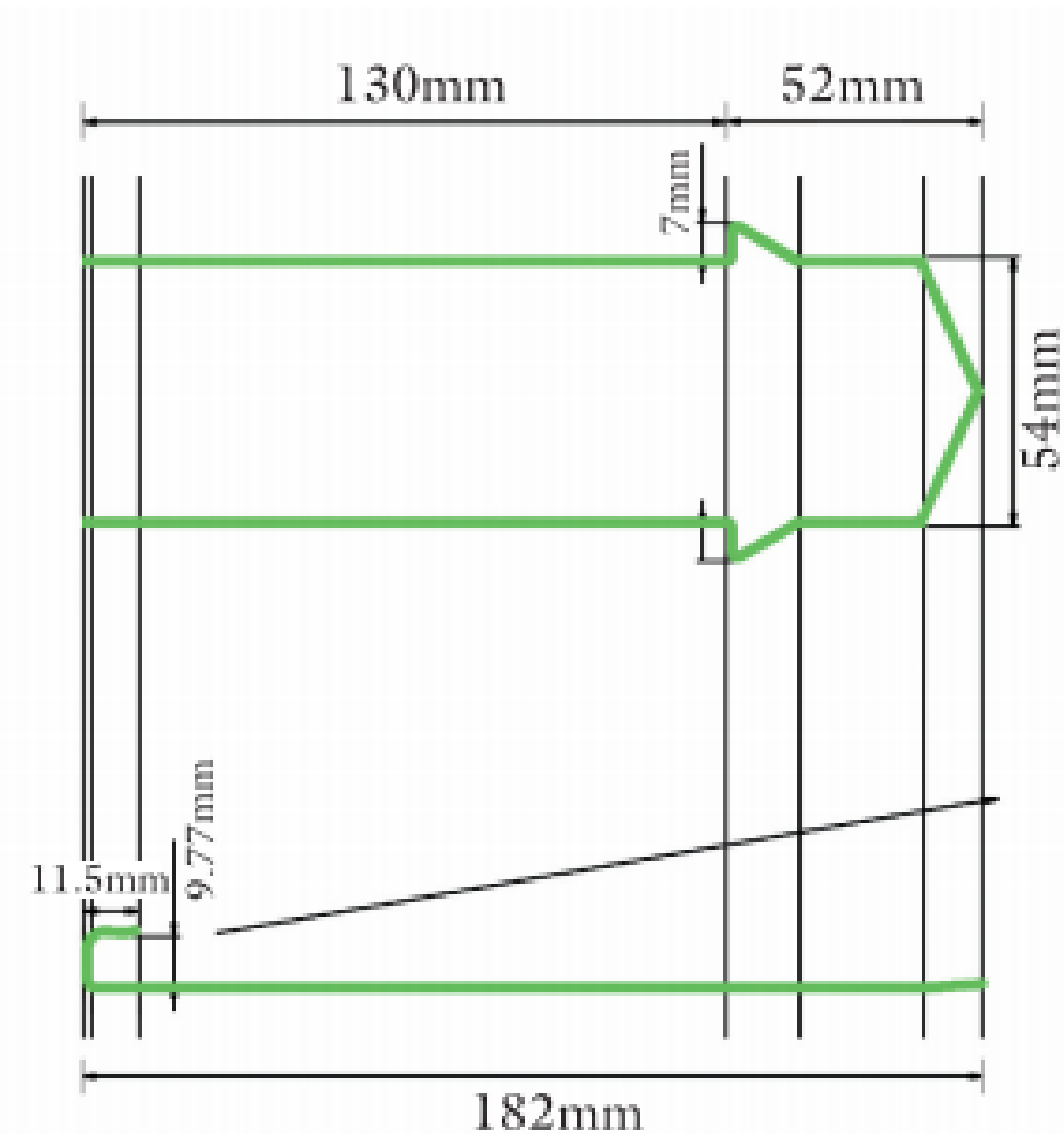


Link Channel

AZ55 Galvalume™ steel to ASTM A792/A792M - 03 Standard Specification for steel sheet, 55% aluminium-zinc alloy - coated by the hot dip process, with 0.01 mm to 0.02 mm thick black automotive e-coating, post applied after cutting and pressing.

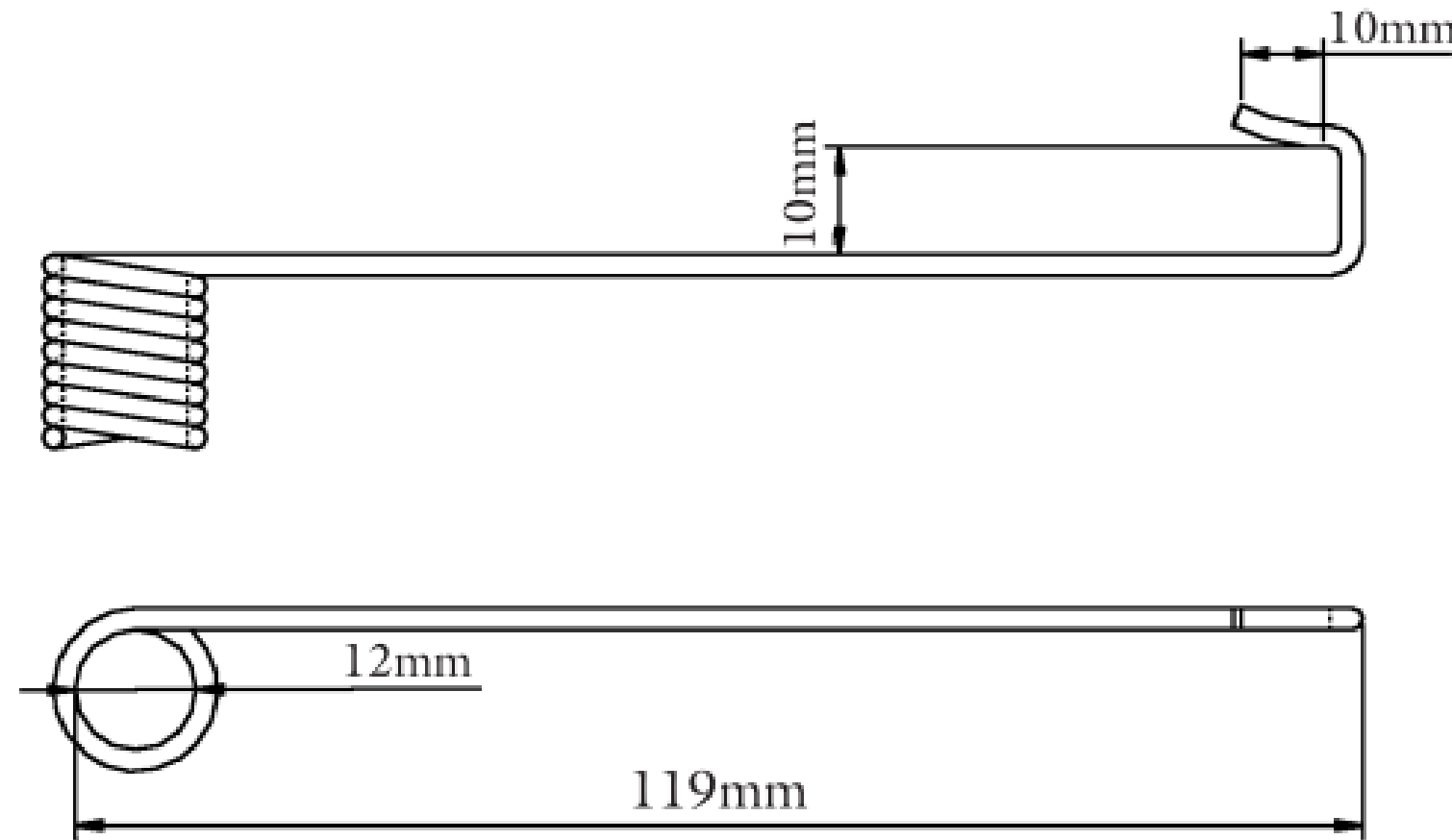


Wire Spring Clip



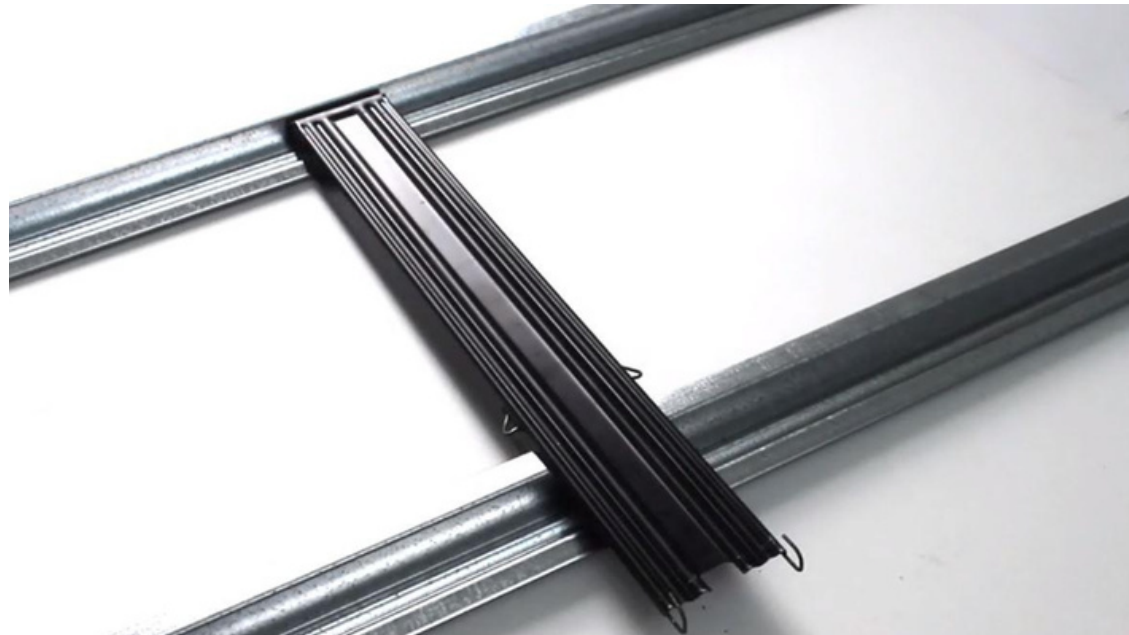
1.6 mm diameter, cold drawn, chemically blackened, stainless steel.

2.03 mm thick, cold drawn, stainless steel wire for mechanical springs.



Installation Procecss

READY FOR SOLAR WHEN YOU ARE



The metal batten is installed like a traditional timber batten. These are installed at 307mm apart



The link channels are then snap fitted to the batten to form an interlocking grid system



You can then install any natural slate, our exclusive ceramic tile and/or highly efficient solar tiles



Exclusive Solartrix Solar Tile

Length 1200mm

Width 400mm

Cell Efficiency 22%

1kW covers 6m²



Benefits for Contractor / Landlord

Collectively, we all are part of the Solution

Less time spent on the roof	27.3Kg Fully Loaded	15 second tile replacement
Up to 50% less waste	A1 Fire Rated	30 year system warranty
Can be installed 100% offsite	BBA Aproved	Retrofit Solar anytime
Roofing system is 100% recyclable	MCS Aproved	5 degree to vertical installation

Clients & Partners

We work with many clients & partners across the UK & Europe to help them futureproof developments.
Here are just a few of our evergrowing list.

Rathscheck
SCHIEFER

COOP


WILLMOTT DIXON
SINCE 1852

**BO
KLOK**
SKANSKA & IKEA

KOMPROMENT
DANISH BUILDING DESIGN

 **ESS modular**

TopHat

GRAHAM

 **Places
for People**

MA


Kingspan
Insulated Panels

380

Tonnes of CO2 saved in construction compared to traditional construction

160

Transport movements to site saved by using offsite construction

1,237

Tonnes of CO2 saved over the life of the homes through energy efficient technology

The homes have been built to the highest environmental standards, ensuring that the new residents will be able to afford to heat them, assisting in alleviating **fuel poverty**. For example, the new homes include **integral PVs**, which provide power to the homes, helping in keeping running costs down.



**CONSTRUCTING
EXCELLENCE**
SECBE AWARDS 2021

**Offsite
Winner**

White Road Affordable Housing

TopHat

Medway
COUNCIL
Serving You

O'KEEFE

nulok
Roofing System

Cast

TopHat



The Nulok ceramic slate roof-tiling system provided many benefits to TopHat. It was aesthetically pleasing, lightweight and efficient to install. It also allowed for the seamless integration of solar photovoltaic panels into our roofs at our high-tech manufacturing facility'.

**Morgan Lewis, Design Lead
Architect - TopHat**

Case Study



In 2010 our Solar Roof Project resulted in St Silas becoming the **first listed parish church in England** to have a new roof complete with solar tiles.



Savings of **7,027 kg CO₂** per annum are expected. The UK Government is committed to an 80% reduction in CO₂ emissions by 2050 and, as the **Diocese of London** has said "projects like Saint Silas Church's are paramount to the challenge to combat climate change".



We have installed Nulok on multiple properties over 10 years and its our go to roofing solution where slates are specified.

This system is bulletproof and far more durable than a standard installation. Its slate roofing for the 21st Century and we've not had a single slipped slate on some very exposed properties. Apartment buildings, commercial projects or detached homes all benefit from the system. We've used both the ceramic tiles and natural slate on pitched roof or cladding and you're always guaranteed and uniform finish.

- Richard Carmichael

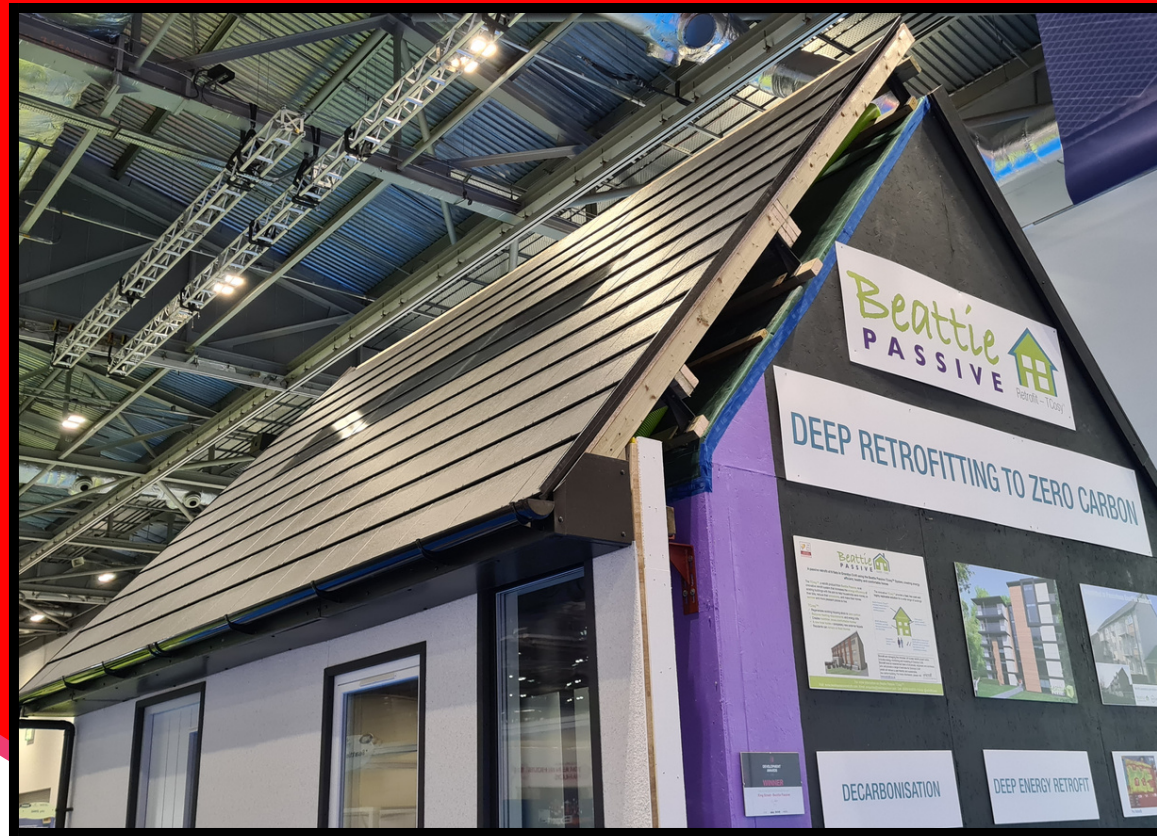
Residential



Student Accommodation



Offsite



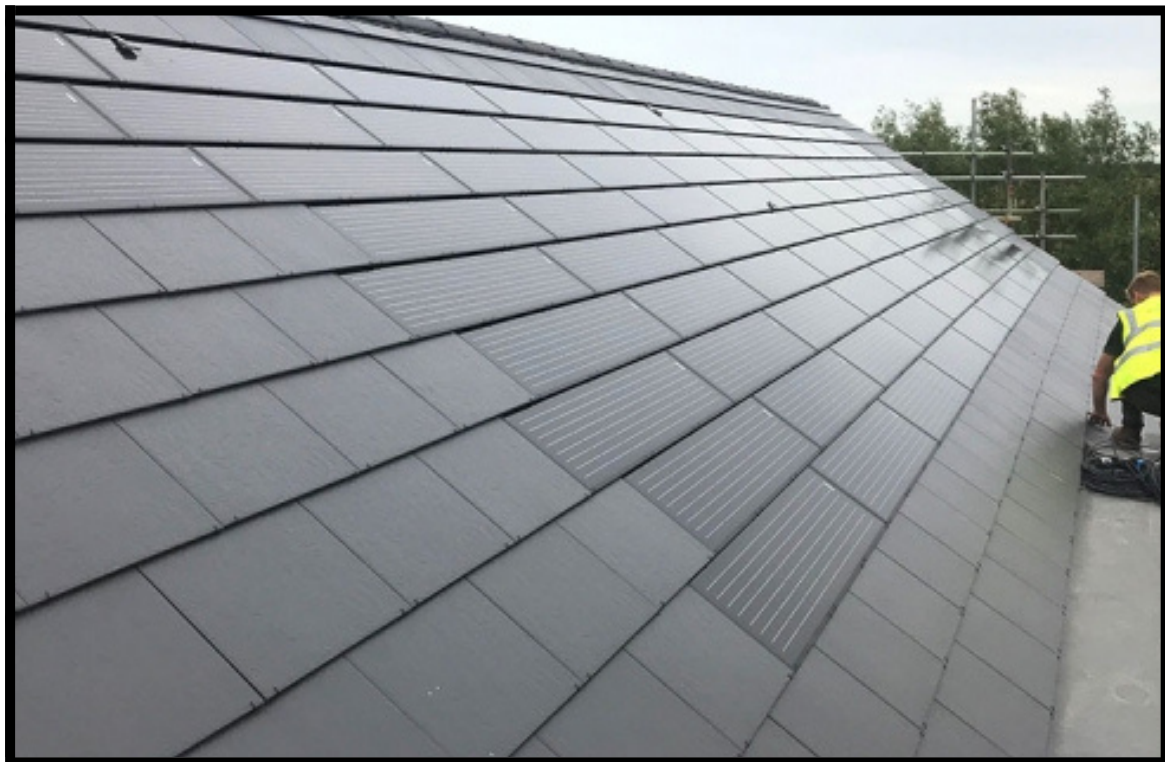
Places of Worship



Commercial



Healthcare



KEY POINTS TO CONSIDER

Annually, we can manufacture 250,000 m² of our system. This is based on one daily shift, but are ready to scale up when required.

Less material waste, as slates are always 400mm in height, requires no triple lapping, and solar further reduces slate requirements.

Average cost per kWh is £0.28, which will increase in October.

Average 3 bed home requires around 3,100kWh costing nearly £900 per year.

As the system is made from low carbon steel, it can be recycled time and time again, reducing carbon for generations to come.

1kW of Nulok solar costs £1095, producing a minimum of 1400kWh per year. ROI of 2 and a half years based on today's energy prices.

Lack of skilled labour means our system is ideal as people can be trained on installation in a couple of days and tile replacement takes seconds

The best way to
predict the future
is to design it!





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