

# CL20 Liner Profile

## Product Data Sheet



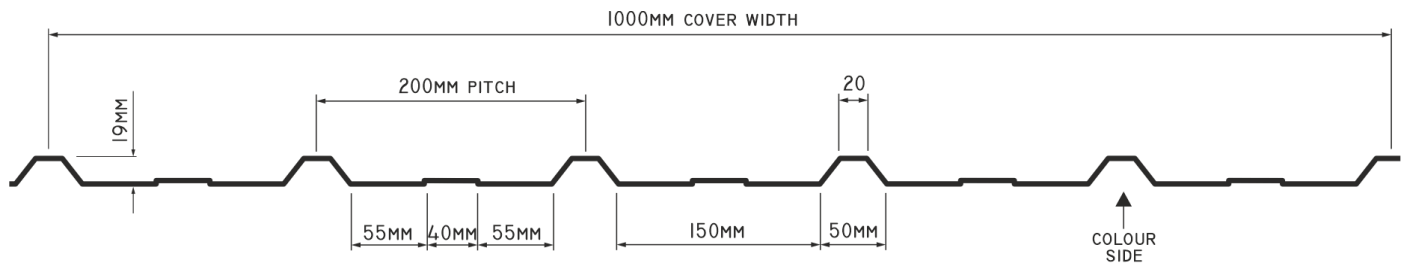
## Applications and Suggested Use

CL20 liner profile is intended to be used as the internal skin of a built-up insulated roof or wall system for industrial and commercial projects.

Typically supplied in white to provide an attractive internal surface to the building and ensuring a high level of light reflectivity.

CL20 liner profile is also available in a 'reverse' configuration which may be preferred when under purlin lining. Please see separate data sheet for more information.

## Profile Dimensions



## Available Sheet Lengths

Sheets are cut to your specified lengths, subject to the following allowable range:

Standard sheet length range	1.0 m to 6.0 m
Minimum sheet length*	0.7 m
Maximum sheet length	6.0 m

\* Any non-standard sheet lengths may incur additional manufacturing, packaging and handling/delivery charges.

## Profile Manufacturing Allowable Tolerances

Length (sheets under 3000 mm long):	+10 mm, -5 mm
Length (sheets over 3000 mm long):	+20 mm, -5 mm
Cover width:	+5 mm, -5 mm
Squareness:	<0.5% of cover width

The above tolerances are in accordance with BS EN 508-1.

## Material Options

CL20 liner profile is available in the following material:

### Polyester Coated Steel

Coating type:	15 µm (micron) multi-layer organic coating on metallic coated steel substrate.
Appearance:	Smooth white paint finish with high level of light reflectivity.
Reaction to fire:	Classification A1 to BS EN 13501-1.
Internal corrosion classification:	CP12.
Durability:	Expected to last the life of the building in normal and unpolluted environments.
Sheet thickness options:	0.4 mm, 0.5 mm and 0.7 mm.
Mass per m <sup>2</sup> :	0.4 mm = 3.53 kg, 0.5 mm = 4.27 kg, 0.7 mm = 5.81 kg.

In addition to the standard white finished product shown above, we may be able to supply CL20 liner profile in other finishes if required, for bespoke or individual projects subject to enquiry. Please speak to our sales department for details.

## Curving

CL20 liner profile can be used to form a fully curved roof or alternatively with curved eaves/ridge.

Curving data as follows:

Minimum convex self-curve radius:	30.0 m*
Minimum crimp curve radius:	0.3 m
Maximum length of crimp curved sheet:	6.0 m**

\* The self-curve radius is meant as a guide only as this figure is dependent on material thickness, sheet length and purlin spacings.

\*\* The maximum length of crimp-curved sheets is dependent on the type of curve.

The CL20 liner profile will be manufactured with a minimum straight leg of 150 mm at each end of the sheet. Please contact our sales office to discuss all curved sheet properties prior to order placement.

## Delivery

Our packs of sheets are supplied banded/protected and delivered to site using our own fleet of modern GPS satellite tracked vehicles. Self off-load facility may be an option, depending on order criteria.

## Quality and Environmental

All of our products are manufactured using state of the art production facilities to rigorous quality control standards that comply with BS EN ISO 9001, together with an efficient environmental management system that complies with BS EN ISO 14001.



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