STEEL PROCESSING SERVICES

PURLINS

Rollco is well known for providing tailor-made steel solutions. With some of the largest and heavy-duty machinery in Australia, we can handle projects ranging from light sheet work to heavy structural beams.

Rollco also offers a flexible, one-stop service that adapts to unique project requirements. Our experienced team works closely with clients to deliver custom curved, bent, or pressed components that match exact specifications. This has enabled Rolco to supply specialised components for construction, infrastructure, mining, and piling industries.

Backed by quality systems and decades of experience, Rollco positions itself as a partner for customised, cost-effective, and reliable steel processing solutions.

PROCESS

Purlins are horizontal structural members in roof framing systems that support roof sheeting and transfer loads to the main frames. Our cold rolling process produces 'C' curved purlins, with curving limited to the X-X axis due to the section's thinness.

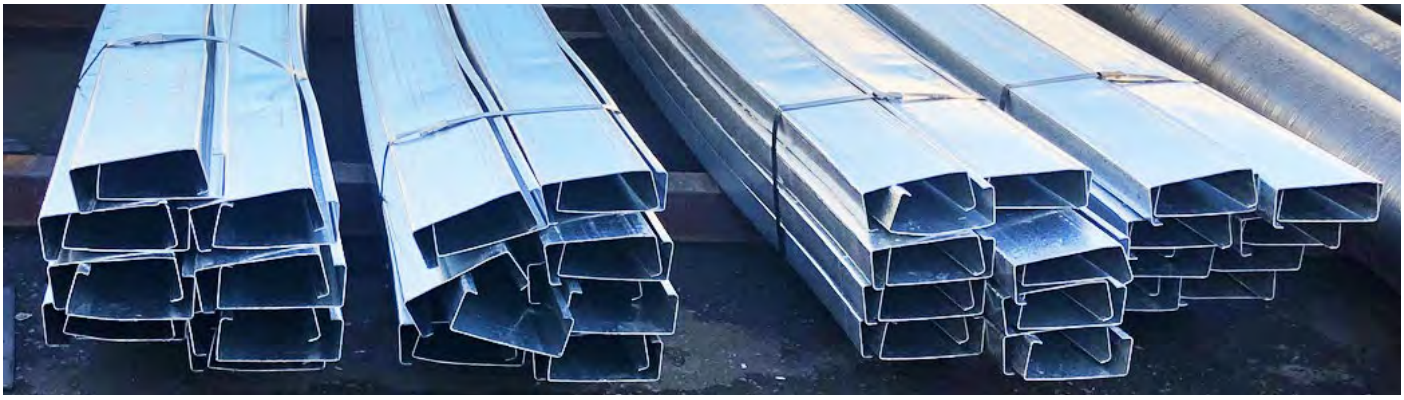
LEAD IN/OUT

Lead in/out refers to the straight material sections before and after the curved portion, necessary for machine grip during rolling. Due to purlin properties, twisting occurs during curving, so we require an additional 1100mm on each end for lead in/out to minimise this effect.

CAPACITY

As a general rule, specifying a heavier section allows for tighter radii and better section integrity.
The following table serves as a guide, but we recommend enquiring about specific details, as individual requirements may necessitate custom designs.

Section	Minimum Radius	Green Lead In/Out
C15024	8000mm	900 green each end
C20024	35000mm	900 green each end
C25024	75000mm	900 green each end
C10019	4500mm	600 green each end



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