

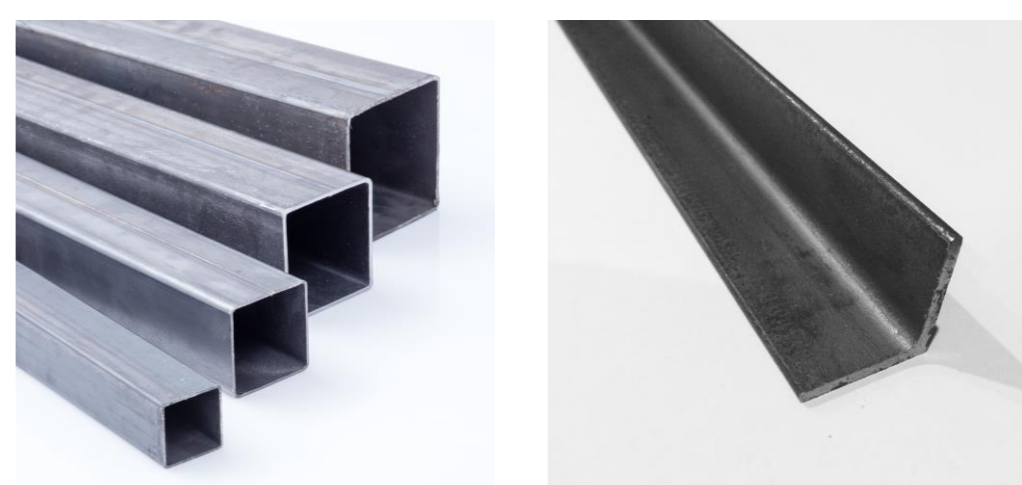
CLADDING APPLICATION

Cladding involves the thickening of a surface through the application of a corrosion resistant material to a less resistant substrate. The application of one material onto the surface of another to provide a protective layer has numerous benefits including a reduction in the overall material cost for the project.

For the installation, we always need to fix the metal frame on the wall. At the same time, we will have metal cutting, metal welding and anchor fastening tasks.

In cladding application, we can find the two types of materials, metal profile pipe and angle iron. Since by considering the shape and the strength, they are common materials which used to make the metal frame.

Of course, we will cut it I correct length in workshop, but we cannot avoid to cut it on site as well. Therefore, we need a cutting tool can provide good performance, good finishing with good safety.







Angle iron cutting in cladding application

We see the first option to cut the angle iron will be always the abrasive cutting tool, like the angle grinder or chop saw.

However, we are facing the problems including:

- Sparks
- Blade explosion risk
- Harmful smoke
- Overhead and rough finishing



					
		Angle Grinder	Circular Saw	Rebar Cutter	Reciprocating Saw
PERFORMANCE	Cutting Speed	★★★	★★★★★	★★	★★★
	Cutting Finishing	★	★★★★★	★★★★★	★★★
SAFETY	Spark Less Safety	★	★★★	★★★★★	★★
	Cutting Vibration	★★	★★★★★	★★★★★	★
USER EXPERIENCE	Flexibility	★★★★★	★★★	★★	★★★★★
	Material Coverage	★★★★	★★★	★★★	★★★★★
	Shape & Size Coverage	★★★★★	★★★	★★	★★★★★
INSERT LIFE	Insert Lifetime	★	★★★★★	★★★	★★★
	TOTAL SCORE	11	30	26	26





Circular saw portfolios provide you a fast cut with safety

COMPACT CLASS SC 4MR-22






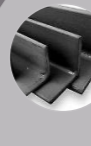



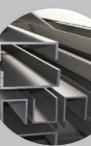




POWER CLASS SC 6ML-22



TECHNICAL DATA	Blade location	Blade Right	Blade Left
	Max. cutting depth & blade diameter	44mm in 125mm blade 51mm in 136mm blade	60mm in 165mm blade
	Can cut materials	Metal, Steel, Stainless steel	Metal, Steel, Stainless steel, Non-ferrous metal
	No load RPM	gear 1: 4500 rpm	gear 1: 4000 rpm
	Dimensions (L x W x H)	296 x 161 x 231 mm	296 x 168 x 253 mm
	Tool body weight	2.2kg	2.5kg
	Triaxial vibration for cutting board (ah, B)	1.5 m/s ²	1.5 m/s ²
	Suitable application	<ul style="list-style-type: none"> • M&E light duty cutting application • Over head cutting application 	<ul style="list-style-type: none"> • SM/ M&E/ IF Mid-Duty cutting application
	 <p>Over head channel cutting</p>	 <p>Cable tray cutting</p>	
	 <p>Channel Cutting</p>	 <p>Conduit cutting</p>	

SCB Metal Product Selector 2024

Saw blade portfolio & relevant base materials	 ULTIMATE ●●●●● XCUT STRUCTURE	 ULTIMATE ●●●●● XCUT THIN	 PREMIUM ●●●●○ STEEL	 PREMIUM ●●●●○ ALUMINUM
	INOX  Steel 	INOX  Steel 	Steel 	Aluminum, non ferrous 
	SC 4MR-22 		SC 6ML-22 	
SM	<ul style="list-style-type: none"> • angle iron • plate • tubing 	<ul style="list-style-type: none"> • INOX plate 	<ul style="list-style-type: none"> • angle iron • flat steel • tubing • sheet/ deck 	<ul style="list-style-type: none"> • facade elements
M(E)	<ul style="list-style-type: none"> • metal pipe • U-channel • rod • cable tray 	<ul style="list-style-type: none"> • HVAC sheet 	<ul style="list-style-type: none"> • metal pipe • all channel • all-thread • cable tray 	<ul style="list-style-type: none"> • installation channel • copper pipe (demolition)
BC		<ul style="list-style-type: none"> • rod • pipe • strut • rebar 		
IF	<ul style="list-style-type: none"> • angle iron • U-channel • rod 	<ul style="list-style-type: none"> • sheet metal 	<ul style="list-style-type: none"> • heavy gauge strut • rods 	<ul style="list-style-type: none"> • door & window frame