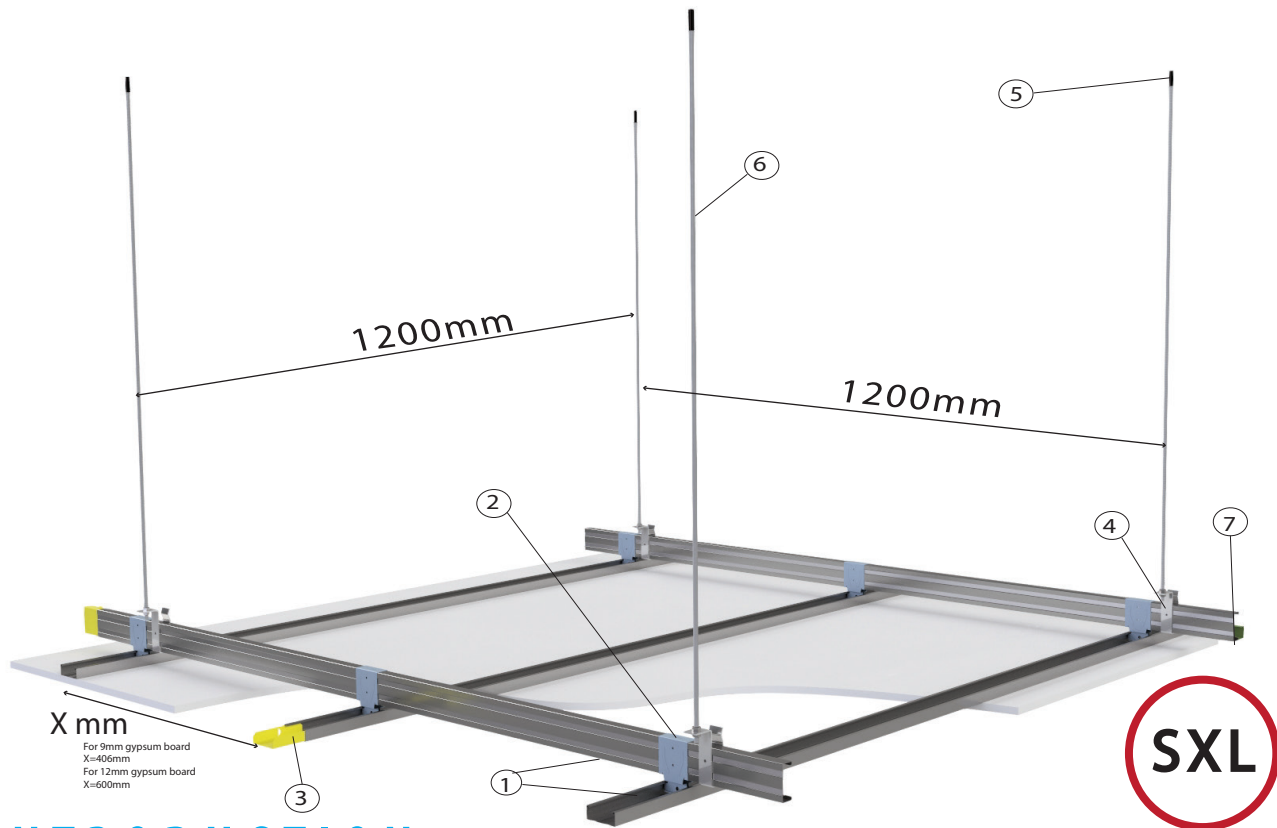









# SXL HEAVY DUTY CEILING SYSTEM



## INTRODUCTION

The SteelMax SXL Heavy Duty ceiling system is designed metal framing structure suitable for Heavy suspended concealed ceiling construction to be lined with a wide range of ceiling lining materials i.e. Thicker gypsum plasterboard, calcium silicate or fibre-reinforced cement panels, etc. When constructing according to recommended specifications, the ceiling system is designed to meet the most sought after functional features nowadays such as acoustic, thermal performances and flexible design aesthetically.

## COMPONENTS

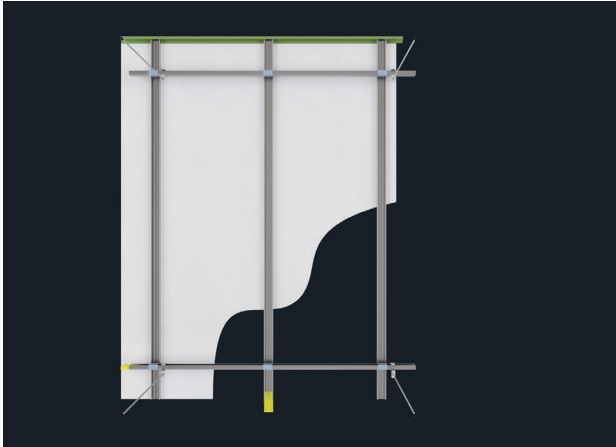
<p>①</p>  <p><b>STEELMAX CHANNEL SXL3650</b> 48mm X 17mm X 0.5mm X 3650mm PART NUMBER <b>SXL3650</b></p>	<p>12mm gypsum board FOR SECONDARY RUNNER AT 600MM CENTRES FOR MAIN RUNNER AT 1200MM CENTRES EST. QTY/M<sup>2</sup> - 0.9 PIECE</p> <p>9mm gypsum board FOR SECONDARY RUNNER AT 406MM CENTRES FOR MAIN RUNNER AT 1200MM CENTRES EST. QTY/M<sup>2</sup> - 1.13 PIECE</p>	<p>⑥</p>  <p>6mm Dia. Threaded rod 6MM(DIAMETER) X VARIOUS LENGTH AT 1200MM INTERVAL PART NUMBER <b>Threaded rod 6</b> EST. QTY/M<sup>2</sup> - 1 PIECE</p>
<p>②</p>  <p><b>STEELMAX HANGER CLIP</b> 72mm X 21.2mm X 0.6mm PART NUMBER <b>SHC</b></p>	<p>12mm gypsum board FOR SECONDARY RUNNER AT 600MM CENTRES EST. QTY/M<sup>2</sup> - 1.88 PIECES</p> <p>9mm gypsum board FOR SECONDARY RUNNER AT 406MM CENTRES EST. QTY/M<sup>2</sup> - 2.79 PIECES</p>	<p>⑦</p>  <p><b>STEELMAX PERIMETER</b> 25mm X 20mm X 12mm X 0.5mm PART NUMBER <b>SLP2440</b></p>
<p>③</p>  <p><b>STEELMAX CHANNEL SPLICE</b> 46.5mm X 15mm X 0.5mm PART NUMBER <b>SLC-1</b></p>	<p>12mm gypsum board FOR SECONDARY RUNNER AT 600MM CENTRES FOR MAIN RUNNER AT 1200MM CENTRES EST. QTY/M<sup>2</sup> - 0.9 PIECE</p> <p>9mm gypsum board FOR SECONDARY RUNNER AT 406MM CENTRES FOR MAIN RUNNER AT 1200MM CENTRES EST. QTY/M<sup>2</sup> - 1.13 PIECE</p>	
<p>④</p>  <p><b>STEELMAX 2mm Hanger</b> 74mm X 24mm X 2mm THICKNESS AT 1200MM INTERVAL PART NUMBER <b>S2H</b> EST. QTY/M<sup>2</sup> - 1 PIECES(BOTH)</p>	<p>⑤</p>  <p><b>STEELMAX DROP IN ANCHOR</b> PART NUMBER <b>Drop in anchor 6</b> AT 1200MM INTERVAL EST. QTY/M<sup>2</sup> - 1 PIECE</p>	

Disclaimer:  
This document remained the property of Steelmax products Sdn Bhd. Please contact SteelMax Technical Department for information on performance and method of installation.



# SXL HEAVY DUTY CEILING SYSTEM

## Specification Guide

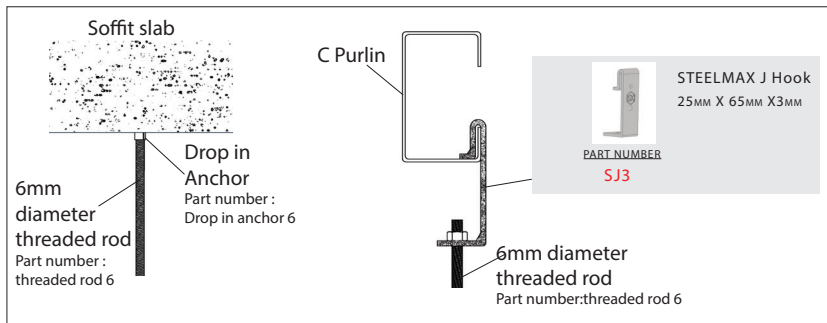


### Concealed Ceiling with Gyproc/AGP Gypsum Boards

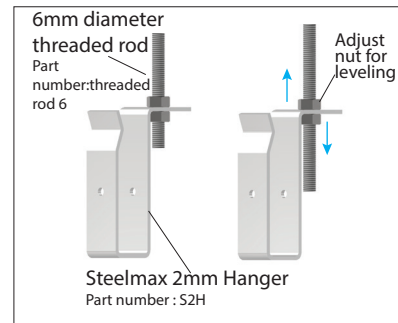
To supply and install Concealed Ceiling comprising of single layer Gyproc or AGP 12mm/(9mm) standard/regular board size: 1220mm x 2440mm staggered screw-fixed not exceeding 200mm centres onto SteelMax Channel "SXL3650" (BMT=0.5mm, Galvanised Steel) spaced at 600mm/(406mm for 9mm) centres that are locked using SteelMax Hanger clip "HC" onto primary channels SteelMax Channel "SXL3650" (BMT=0.5mm, Galvanised Steel) spaced at 1200mm centres. The primary channel "SXL3650" are held using SteelMax 2mm Hanger "S2H" (B-MT=2mm, Galvanised Steel) to suspension 6mm Diameter Threaded Rod "Threaded rod 6" fixed onto the soffit using Drop in anchor "Drop in anchor 6" at 1200mm centres; Board edges at perimeter is fixed onto SteelMax Perimeter "SLP2440" (BMT 0.5mm). All boards joints secure with Gyproc or AGP Paper Tape and finished with Protop Joint Compound for a seamless finish. All fixing accessories, additional nogging for services installation as per manufacturer details



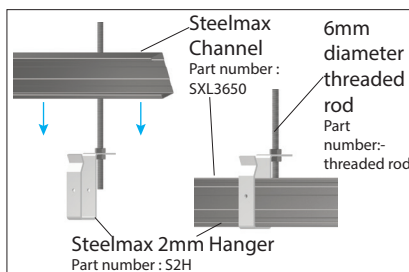
## INSTALLATION DETAILS



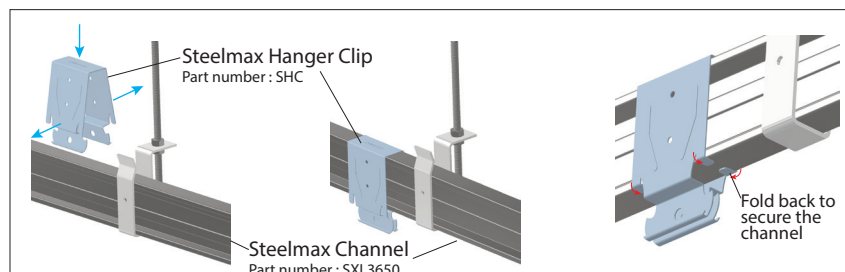
Roof purlin, soffit of slab - suspension details



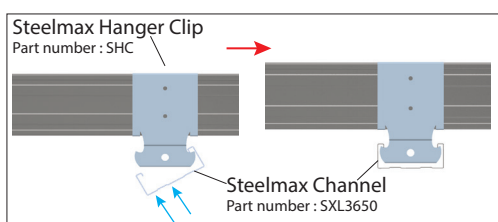
Fixing of Steelmax 2mm Hanger and 6mm dia threaded rod



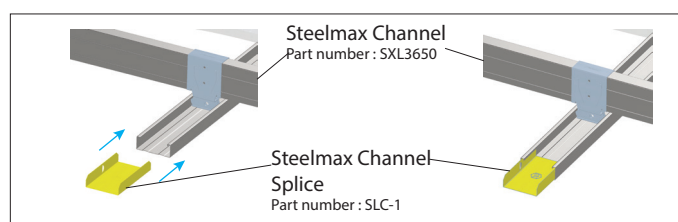
Fixing of Primary Channel(SXL3650) to S2H



Fixing of Hanger Clip(SHC) to Primary Channel SXL3650



Fixing of Secondary Channel(SXL3650) to Hanger Clip(SHC)



Fixing of Steelmax Channel Splice SLC-1 and SteelMax Channel SXL3650

