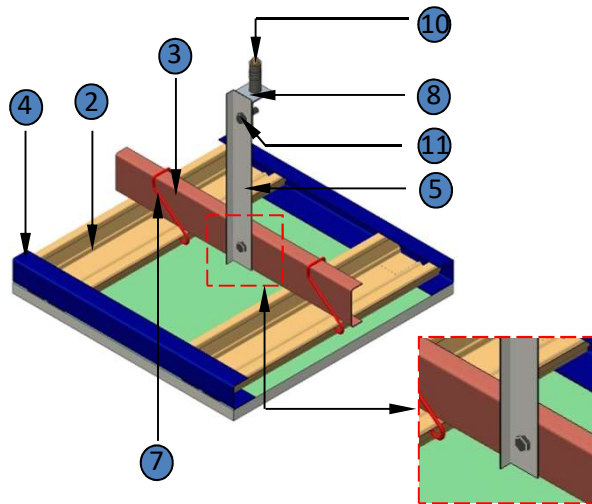
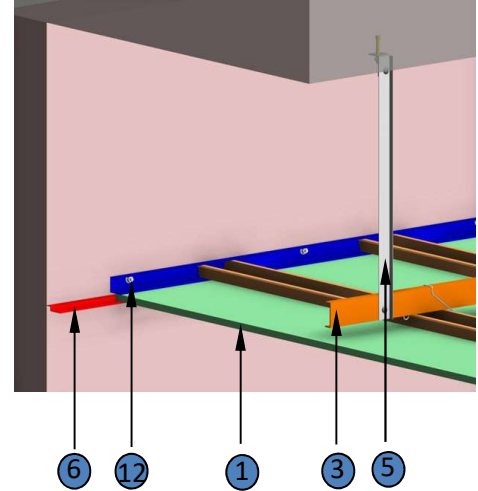
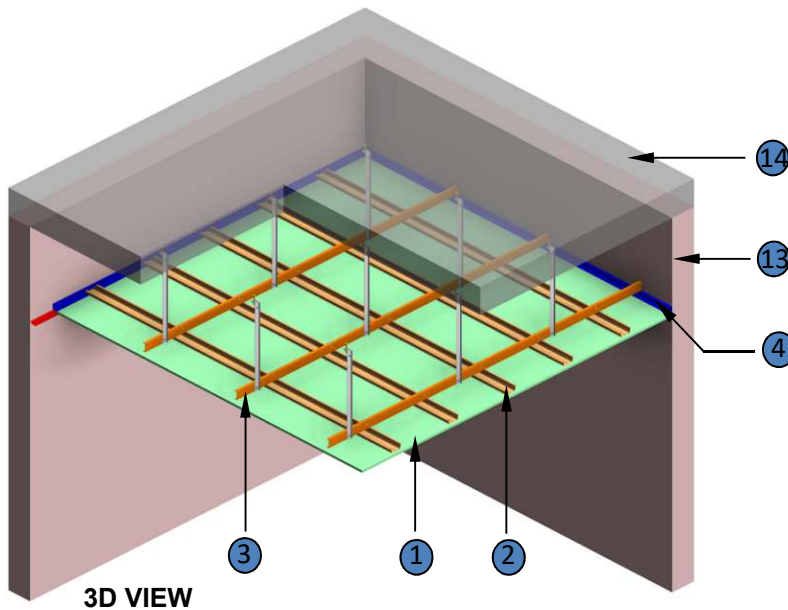
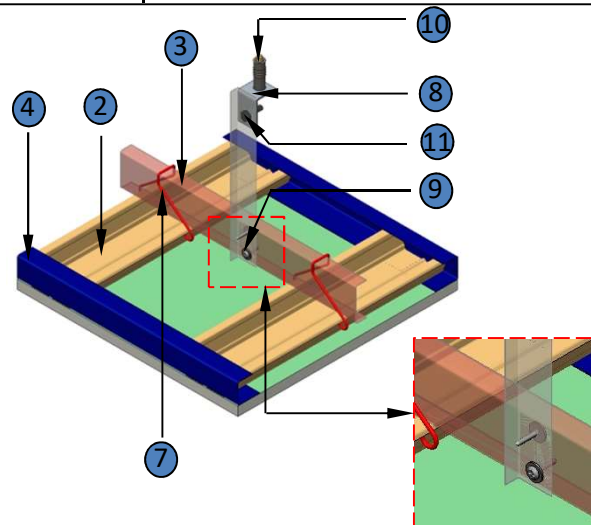


## MF Suspended Ceiling with MR Board & GypSerra™ Design Patented in India (325062)



DETAIL VIEW



DETAIL VIEW

DETAIL B  
With Metal to Metal Screw


- ① 12.5mm Gyproc® MR Board
- ② 80x26x0.5mm GypSerra™ Ceiling Section at 457mm c/c
- ③ 15x45x15x0.9mm GypSerra™ Intermediate Channel at 1220 c/c
- ④ 20x28x30x0.5mm GypSerra™ Perimeter Channel
- ⑤ 25x10x0.5mm GypSerra™ Ceiling Angle at 1220mm c/c
- ⑥ 9x10x28x0.5mm Gypsteel® Shadow line bead

- ⑦ Ø 2.64mm Gyproc® Connecting Clip
- ⑧ 27x37x25x1.6mm Gyproc® Soffit Cleat
- ⑨ Ø4.2x13 Gyproc® Metal to Metal Screw
- ⑩ Gyproc® Rawl Plug
- ⑪ M6x12mm Hex Bolt & Hex Nut
- ⑫ 6x40 PVC Anchor at 600mm c/c
- ⑬ Brick/RCC Wall
- ⑭ Concrete Slab

ORIGINAL

# Ceiling Specification Sheet

SR. No	CSS-0074
DATE	19-JAN-2022
REV. NO	01

<ul style="list-style-type: none"> <li>80x26x0.5mm GypSerra™ Ceiling Section</li> <li>Material-GI(IS513)</li> <li>YS-260Mpa</li> <li>Finish-Galvanised 150GSM (IS277)</li> </ul> 	<ul style="list-style-type: none"> <li>15x45x15x0.9mm GypSerra™ Intermediate Channel</li> <li>Material-GI(IS513)</li> <li>YS-260Mpa</li> <li>Finish-Galvanised 150GSM (IS277)</li> </ul> 	<ul style="list-style-type: none"> <li>20x28x30x0.5mm GypSerra™ Perimeter Channel</li> <li>Material-GI(IS513)</li> <li>YS-260Mpa</li> <li>Finish-Galvanised 150GSM (IS277)</li> </ul> 
<ul style="list-style-type: none"> <li>25x10x0.5mm GypSerra™ Ceiling Angle</li> <li>Material-GI(IS513)</li> <li>YS-260Mpa</li> <li>Finish-Galvanised 150GSM (IS277)</li> </ul> 	<ul style="list-style-type: none"> <li>Gyproc® MR 1219x1829x12.5mm</li> </ul> 	<ul style="list-style-type: none"> <li>Ø8x45mm Gyproc® Rawl Plug</li> <li>Material-IS 513 CR1 grade, Zinc coating</li> <li>Pull Out Load-6.8kN for M30 concrete grade.</li> </ul> 
<ul style="list-style-type: none"> <li>27x37x25x1.6mm Gyproc® Soffit Cleat</li> <li>Material-GI(IS513)</li> <li>YS-260Mpa</li> <li>Finish- Galvanized 120GSM(IS277)</li> </ul> 	<ul style="list-style-type: none"> <li>Ø 2.64mm Gyproc® Connecting Clip</li> <li>Material-High carbon spring steel wire(BS970Gr.En42)-46-48HRC</li> <li>Finish-Zinc plating 4-6Micron</li> </ul> 	<ul style="list-style-type: none"> <li>9x10x28x0.5mm Gyproc® Shadow line bead</li> <li>Material-GI(IS513)</li> <li>YS-260Mpa</li> <li>Finish-Galvanised 120GSM(IS277)</li> </ul> 
<ul style="list-style-type: none"> <li>Gyproc® drywall Screw</li> <li>Material-As per JIS G3507-1 standard</li> <li>Finish-Case Hardened Grey phosphate</li> </ul> 	<ul style="list-style-type: none"> <li>Ø4.2x13 Gyproc® metal to metal screws</li> <li>Material- Carbon steel (JIS G3507-1)</li> <li>Finish- Case hardened, blue zinc plated</li> </ul> 	<ul style="list-style-type: none"> <li>Gyproc® Pro-Fill Jointing compound</li> <li>Conforms to ASTM C475</li> </ul> 
<ul style="list-style-type: none"> <li>M6 x 12/50 mm Hex Bolt &amp; Hex Nut</li> <li>Material – As per EN 10083</li> <li>Finish – Zinc Plating</li> </ul> 		<ul style="list-style-type: none"> <li>6x40mm PVC Anchor</li> <li>Approx. Weight – 11Kg/m2</li> </ul> 

## Maximum Recommended Load

Suspension point centers (mm)	Intermediate channel centers (mm)	Max load including weight of board (Kg/m²)
1220	1220	30
1220	914	40

- M/F Suspended 12.5mm thick MR Ceiling includes GypSerra™ Perimeter Channel {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is fixed along the Perimeter of existing wall/ partition with the help of PVC Anchor (6x40) at 600mm c/c for brickwall.
- GypSerra™ Ceiling Angle {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is suspended by fixing it to the Gyproc® soffit cleat {GI(IS513)YS-260Mpa,Finish-Galvanised 120GSM(IS277)}. Soffit Cleat and Gyproc® Rawl Plug- Ø8x45mm {Material-IS 513 CR1 grade, Zinc coating (7 to 8 microns) pull out load- 6.8kN for M30 concrete grade} creating 1220mm x 1220mm grid.
- GypSerra™ Intermediate channel {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is fixed to the GypSerra™ Ceiling Angle with M6 x 12mm Hex Bolt & Hex Nut arrangement {Material-As per EN 10083 Finish – Zinc Plating} or with 2 Nos of Ø4.2x13 Gyproc® Metal to Metal screw {Material-Carbon steel EN-ISO 7049/50 Finish- Zinc Coating Thickness- 4.14micron.}
- The GypSerra™ Ceiling Section {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} is then fixed to the GypSerra™ Intermediate Channel {Material-GI(IS513),YS-260Mpa,Finish-Galvanised 150GSM(IS277)} with the help of Gyproc® Connecting Clip {Material-High carbon spring steel wire(BS970Gr.En42)-46-48HRC,Finish-Zinc plating 4-6 micron} and in direction perpendicular to the Intermediate channel at 457mm c/c.
- Single layer of 12.5mm tapered edge Gyproc® MR (IS 2095 Part 1:2011 / EN 520:2004, Type-A & H1/ASTM C1396) is then screw fixed to ceiling section with 25mm Drywall screws {Material-Carbon steel EN-ISO 7049/50,Finish-Case hardened Grey Phosphating} at 230mm centres on ceiling section & 150mm at periphery of ceiling.
- Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Gyproc® Pro-Fill Jointing compound (Conforms to ASTM C475), Gyproc® Joint Paper tape.
- Serrated section has effective thickness of 2T (2xdepth), better load carrying capacity, enhanced screw retention, Improved acoustic performance & fire resistance as compared to plain steel section.
- All GypSerra™ metal components are Design Patented in India (325062).

**ORIGINAL**