

Section II B - RS wise Bill of materials for PVC calculation and Reference - 2023OVM018 (Material Composition - Bill of materials (BOM))

RS01: ADANI CEILI,NG GIRDER PACKAGE (FULL BILL OF MATERIALS) - 1855 MT					
Material Type	Grade/ Code	% age in full BoM	MATERIAL Description	% age in full BoM	ITEM TO BE CONSIDERD FOR PVC CALCULATION AS PER JPC
PLATES	E350 BR	74.86%	PLATE-75 MM -IS2062E350GRBR	15.20%	PLATES 25 MM
			PLATE-32 MM -IS2062E350GRBR	13.50%	PLATES 25 MM
			PLATE-85 MM -IS2062E350GRBR	11.30%	PLATES 25 MM
			PLATE-25 MM -IS2062E350GRBR	10.37%	PLATES 25 MM
			PLATE-40 MM -IS2062E350GRBR	4.73%	PLATES 25 MM
			PLATE-20 MM -IS2062E350GRBR	4.57%	PLATES 12 MM
			PLATE-100 MM -IS2062E350GRBR	2.92%	PLATES 25 MM
			PLATE-50 MM -IS2062E350GRBR	2.58%	PLATES 25 MM
			PLATE 56 MM - IS2062E350BR	1.92%	PLATES 25 MM
			PLATE 16 MM-IS2062E350GRBR	1.70%	PLATES 12 MM
			PLATE-36 MM -IS2062E350GRBR	1.55%	PLATES 25 MM
			PLATE-28 MM -IS2062E350GRBR	1.55%	PLATES 25 MM
			PLATE-45 MM -IS2062E350GRBR	1.17%	PLATES 25 MM
			PLATE-63 MM -IS2062E350GRBR	0.90%	PLATES 25 MM
	PLATE 12 MM - IS2062E350BR	0.90%	PLATES 12 MM		
	E250 BR/A	15.02%	PLATE 25.0 MM -IS2062E250BR	7.06%	PLATES 25 MM
			PLATE 75.0 MM -IS2062E250BR	2.57%	PLATES 25 MM
			PLATE 12.0 MM - IS2062E250A	2.43%	PLATES 12 MM
			PLATE 16.0 MM - IS2062E250A	1.21%	PLATES 12 MM
			PLATE 32.0 MM -IS2062E250BR	0.62%	PLATES 25 MM
			PLATE 20.0 MM - IS2062E250A	0.61%	PLATES 12 MM
			PLATE 100 MM - IS2062 E250BR	0.51%	PLATES 25 MM
			PLATE 10 MM-IS2062E250A	0.40%	PLATES 10 MM
			PLATE 5.00 MM-IS2062E250A	0.01%	PLATES 6 MM
			90.28%		
ROLLED SECTIONS	E250 BR/A	9.63%	H BEAM 305X165 -IS2062E250BR	2.00%	JOISTS 200X100 MM
			ANGLE 200 x 200 x 20-IS2062E250A	1.65%	ANGLES 75X75X6 MM
			CHANNEL 200 x 75 -IS2062E250A	1.00%	CHANNELS 150X75 MM
			CHANNEL 250 x 82 -IS2062E250A	0.68%	CHANNELS 150X75 MM
			BEAM 600 x 210 -IS2062E250A	0.66%	JOISTS 200X100 MM
			CHANNEL 150 x 75 -IS2062E250A	0.64%	CHANNELS 150X75 MM
			CHANNEL 400 x 100 -IS2062E250A	0.63%	CHANNELS 150X75 MM
			BEAM 200 x 100 -IS2062E250A	0.62%	JOISTS 200X100 MM
			CHANNEL 300 x 90 -IS2062E250A	0.47%	CHANNELS 150X75 MM
			ANGLE 100 x 100 x 10-IS2062E250A	0.29%	ANGLES 75X75X6 MM
			BEAM 250 x 125 -IS2062E250A	0.28%	JOISTS 200X100 MM
			ANGLE 80 x 80 x 8 -IS2062E250A	0.10%	ANGLES 75X75X6 MM
			BEAM 500 x 180 -IS2062E250A	0.10%	JOISTS 200X100 MM
			BEAM 300 x 140 -IS2062E250A	0.10%	JOISTS 200X100 MM
			ANGLE 130 x 130 x 12-IS2062E250A	0.10%	ANGLES 75X75X6 MM
			ANGLE 75 x 75 x 6-IS2062E250A	0.10%	ANGLES 75X75X6 MM
			CHANNEL 75 x 40 -IS2062E250A	0.08%	CHANNELS 75X40 MM
			BEAM 125 x 70 -IS2062E250A	0.08%	JOISTS 125X70 MM
			BEAM 450 x 150 -IS2062E250A	0.03%	JOISTS 200X100 MM
			BEAM 400 x 140 -IS2062E250A	0.02%	JOISTS 200X100 MM
			9.63%		
SHEETS	IS 513 CR2	0.03%	SHEET 1.6 MM - IS513 Gr.CR2	0.03%	H. R. COILS 2.00 MM
			0.03%		
FASTENERS	IS1362	0.06%	HEX HD BOLT M24X110-4.6 IS:1363(P-1)	0.01%	PVC Not Applicable
			HEX HD BOLT M24X160-4.6 IS:1363(P-1)	0.01%	PVC Not Applicable
			BOLT-M24x120 -4.6-IS1363P1	0.01%	PVC Not Applicable
			NUT -M24 -CL4-IS1363P3	0.01%	PVC Not Applicable
			BOLT-M24x100 -4.6-IS1363P1	0.01%	PVC Not Applicable
			BOLT-M24x80 -4.6-IS1363P1	0.01%	PVC Not Applicable
			0.06%		
			100.00%		

NOTE:

1. Vendor shall quote their rates considering the all the E350BR grade materials as E250GRA/BR grade. Extra rates will be provided in the POs for E350BR materials as per extra rate schedule provided in the tender.

2. Final design documents are yet to be released. So, the provided BoM includes a range of specific sizes for plates & rolled sections to offer an overall understanding of the material content, it's important to note that these percentages may vary within the types of materials. The composition of overall Plates & Rolled Sections may also exhibit slight variations but will remain within a close tolerance range.