

# **5. CHEQUERED PLATES**

## **MAKE: SAIL / TATA / JINDAL**

### **IS 3502: 2009**

*Base Material of IS 10748 Gr. 2 for thickness 2mm to 4mm*

*Base Material of IS 2062: 2011 for thickness > 4mm*

#### **Sizes available:**

**Thickness: 2 mm to 12 mm**

**Width: 1250 mm**

**Length: 2500 mm to 6300mm**

CHEMICAL COMPOSITION						
Quality	Ladle Analysis, Wt % Max					CE max
	C	Mn	S	P	Si	
IS 3502: 2009	0.23	1.50	0.045	0.045	0.40	0.42
<b>Tolerance</b>	+0.02	+0.05	+0.005	+0.005	+0.03	+0.03

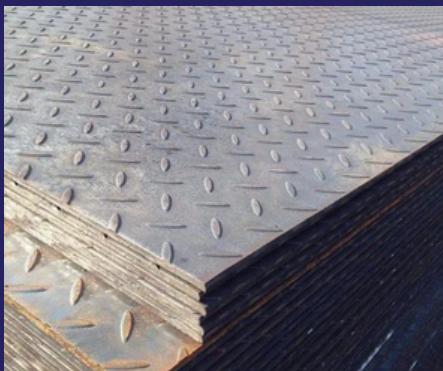
MECHANICAL PROPERTIES			
Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
		2mm to 12mm	
IS 3502: 2009	410	250	23

# SIZE CHART

Thickness	Width	Length
2 mm to 12 mm	1250	2500/5000/6300

# WEIGHT CHART

Thickness	Weight in Kg/sq. m
2 mm	15.70
3 mm	23.55
4 mm	31.40
5 mm	39.25
6 mm	47.10
7 mm	54.95
8 mm	62.80
10 mm	78.50



# Applications:

- **Industrial Flooring**
- **Commercial Vehicle Flooring**
- **Platforms**
- **Stair Treads**
- **Elevator Floors**
- **Corner Guards**

