

## BAR BENDING SCHEDULE

FrameAI Civil

PROJECT

Ground Slab — 800m<sup>2</sup> Industrial Floor

DRAWING

DATE

2026-06-14

SPEC

BS 8666:2020

GRADE

B500B

MARK	DIA (mm)	CODE	SHAPE	DIMS (mm)	QTY	CUT L (mm)	kg/m	TOTAL (kg)	LOCATION
M1	10	00	Straight bar	A=5900	540	5900	0.617	1965.76	A393 mesh — main longi
M2	10	00	Straight bar	A=3900	815	3900	0.617	1961.13	A393 mesh — transverse
SUBTOTAL H10: 3926.89 kg (1355 bars)									
E1	12	00	Straight bar	A=5900	120	5900	0.888	628.70	Edge zone — longitudin
E2	12	00	Straight bar	A=3900	80	3900	0.888	277.06	Edge zone — transverse
SUBTOTAL H12: 1105.45 kg (440 bars)									
J1	16	00	Straight bar	A=1000	160	1000	1.580	252.80	Construction joint tie
SUBTOTAL H16: 1006.52 kg (504 bars)									
J2	12	11	L-bar (single 90°	A=800 B=150	240	937	0.888	199.69	Isolation joint dowels
SUBTOTAL H12: 1105.45 kg (440 bars)									
T1	16	33	Closed rectangular	A=280 B=120	320	1052	1.580	531.89	Edge thickening links
T2	16	00	Straight bar	A=5850	24	5850	1.580	221.83	Edge beam bottom bars
SUBTOTAL H16: 1006.52 kg (504 bars)									

**GRAND TOTAL: 6.039 t (6038.86 kg) | 8 bar marks | 2299 bars total | Grade B500B**

## TONNAGE BY DIAMETER

DIA (mm)	GRADE	BAR COUNT	WEIGHT (kg)	WEIGHT (t)	STOCK BARS	WASTE %	kg/m
H10	B500B	1355	3926.89	3.927	542	2.1%	0.617
H12	B500B	440	1105.45	1.105	107	3%	0.888
H16	B500B	504	1006.52	1.007	55	3.5%	1.580

**TOTAL: 6038.86 kg = 6.039 t | Grade B500B | Spec: BS 8666:2020**

Estimated cost @ €1200/t: €7247 (indicative — confirm with supplier)