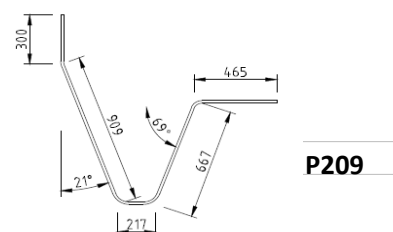
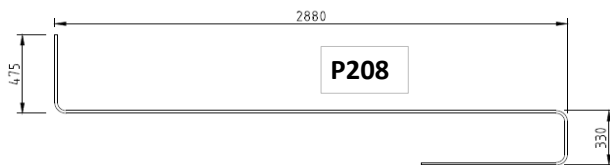




PRECAST COPE PLANKS TYPE 2 AND TYPE 9

Member	No of Mbrs	No in Each	Y or R	Dia Size	Bar Mark	Total No	Cut Length	Mass kg	Shape Code	Dimensions to SABS 82				
										A	B	C	D	E or R
COPE PLANK TYPE 2 AND TYPE 9	61	2	R	40	P201	122	1 900,0	2287	53	460	520	260	520	460
	61	34	R	12	P202	2074	1 350,0	2486	45	745	110	500	735	
	61	34	R	12	P203	2074	1 650,0	3038	53	120	605	250	605	120
	61	34	R	12	P204	2074	1 850,0	3407	53	120	715	250	715	120
	61	34	Y	16	P205	2074	2 350,0	7693	62	1915	1890	430		
	61	34	Y	16	P206	2074	5 100,0	16695	72	1995	590			
	61	34	Y	16	P207	2074	5 100,0	16695	72	2010	590			
	61	34	Y	16	P208	2074	4 400,0	14403	99	SEE SKETCH				
	61	24	Y	16	P209	1464	2 500,0	5777	99	SEE SKETCH				
	61	34	Y	16	P210	2074	4 850,0	15876	37	1980	2865			
	61	1	Y	25	P211	61	9 850,0	2315	20	9870				
	61	23	Y	12	P212	1403	10 000,0	12456	34	9870				
	61	41	Y	12	P213	2501	10 000,0	22204	34	9870				
	61	8	Y	20	P214	488	650,0	782	20	650				
	61	4	Y	16	P215	244	2 200,0	847	74	540	270			
	61	68	Y	16	P216	4148	1 600,0	10475	20	1600				
FENDERBOX	61	5	Y	10	P217	305	1 950,0	367	60	535	290			
	61	5	Y	10	P219	305	1 700,0	320	60	425	290			
	61	3	Y	10	P221	183	1 500,0	169	60	310	290			
	61	2	Y	10	P222	122	550,0	41	85	120	310	80	80	
	61	1	Y	12	P223	61	7 250,0	393	60	600	2880			
	61	1	Y	12	P224	61	7 150,0	387	60	550	2880			
	61	1	Y	12	P225	61	7 000,0	379	60	480	2880			
	61	1	Y	12	P226	61	6 900,0	374	60	430	2880			
	61	1	Y	12	P227	61	6 250,0	339	60	375	2610			
	61	1	Y	12	P228	61	5 550,0	301	60	320	2310			
	61	13	Y	16	P229	793	1 950,0	2441	41	225	1415	275	1330	
	61	2	Y	16	P230	122	1 950,0	376	41	225	1415	275	1255	
	61	2	Y	16	P231	122	1 800,0	347	41	310	1175	275	1105	
	61	2	Y	16	P232	122	1 700,0	327	41	365	1015	275	955	
	61	13	Y	16	P233	793	2 000,0	2503	37	240	1800			
	61	2	Y	16	P234	122	1 950,0	376	37	240	1725			
CLOSING CAGE BARS	61	2	Y	16	P235	122	1 800,0	347	37	240	1575			
	61	2	Y	16	P236	122	1 650,0	318	37	240	1425			
	61	2	Y	12	P240	122	2 000,0	217	20	2000				
	61	2	Y	12	P250a	122	1 200,0	130	38	550	125	550		
	61	2	Y	12	P250b	122	1 200,0	130	38	550	150	550		
	61	2	Y	12	P250c	122	1 250,0	135	38	550	175	550		
	61	2	Y	12	P250d	122	1 250,0	135	38	550	200	550		
	61	2	Y	12	P250e	122	1 300,0	141	38	550	225	550		
	61	2	Y	12	P250f	122	1 300,0	141	38	550	250	550		
	61	2	Y	12	P250g	122	1 350,0	146	38	550	275	550		
	61	36	Y	12	P251a	2196	1 350,0	2632	38	550	298	550		
	61	4	Y	12	P251b	244	1 650,0	357	38	550	565	550		



Engineers		MILD STEEL	<table><tr><td>R8</td><td>0</td></tr><tr><td>R10</td><td>0</td></tr><tr><td>R12</td><td>8930,5</td></tr><tr><td>R16</td><td>0</td></tr><tr><td>R20</td><td>0</td></tr><tr><td>R40</td><td>2286,6</td></tr></table>	R8	0	R10	0	R12	8930,5	R16	0	R20	0	R40	2286,6	HIGH YIELD STEEL	<table><tr><td>Y10</td><td>897</td></tr><tr><td>Y12</td><td>40 997</td></tr><tr><td>Y16</td><td>95 494</td></tr><tr><td>Y20</td><td>782</td></tr><tr><td>Y25</td><td>2 315</td></tr><tr><td>Y32</td><td>0</td></tr></table>	Y10	897	Y12	40 997	Y16	95 494	Y20	782	Y25	2 315	Y32	0	
R8	0																													
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Y20	782																													
Y25	2 315																													
Y32	0																													
ORIGINATOR: ZAA						Transnet National Ports Authority																								
Date: 2019.07.26						Date:																								
Compiled: DC						Name:																								
Checked: MC						Signed:																								
Approved: J ZIETSMAN Pr Eng																														
Signed:																														
ZAA SCHEDULE No. 1785-CO-090-C-SCH-0002-03 T0A	DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING					TNPA SCHEDULE No. 2122830-1-090-C-SC-1001-03 T0A																								
ZAA REFERENCE DRAWING 1785-CO-090-C-DWG-0002-04	TITLE REINFORCEMENT SCHEDULE PRECAST COPE PLANKS TYPE 2 AND TYPE 9					TNPA REFERENCE DRAWING 2122830-1-090-C-GA-1001-04																								