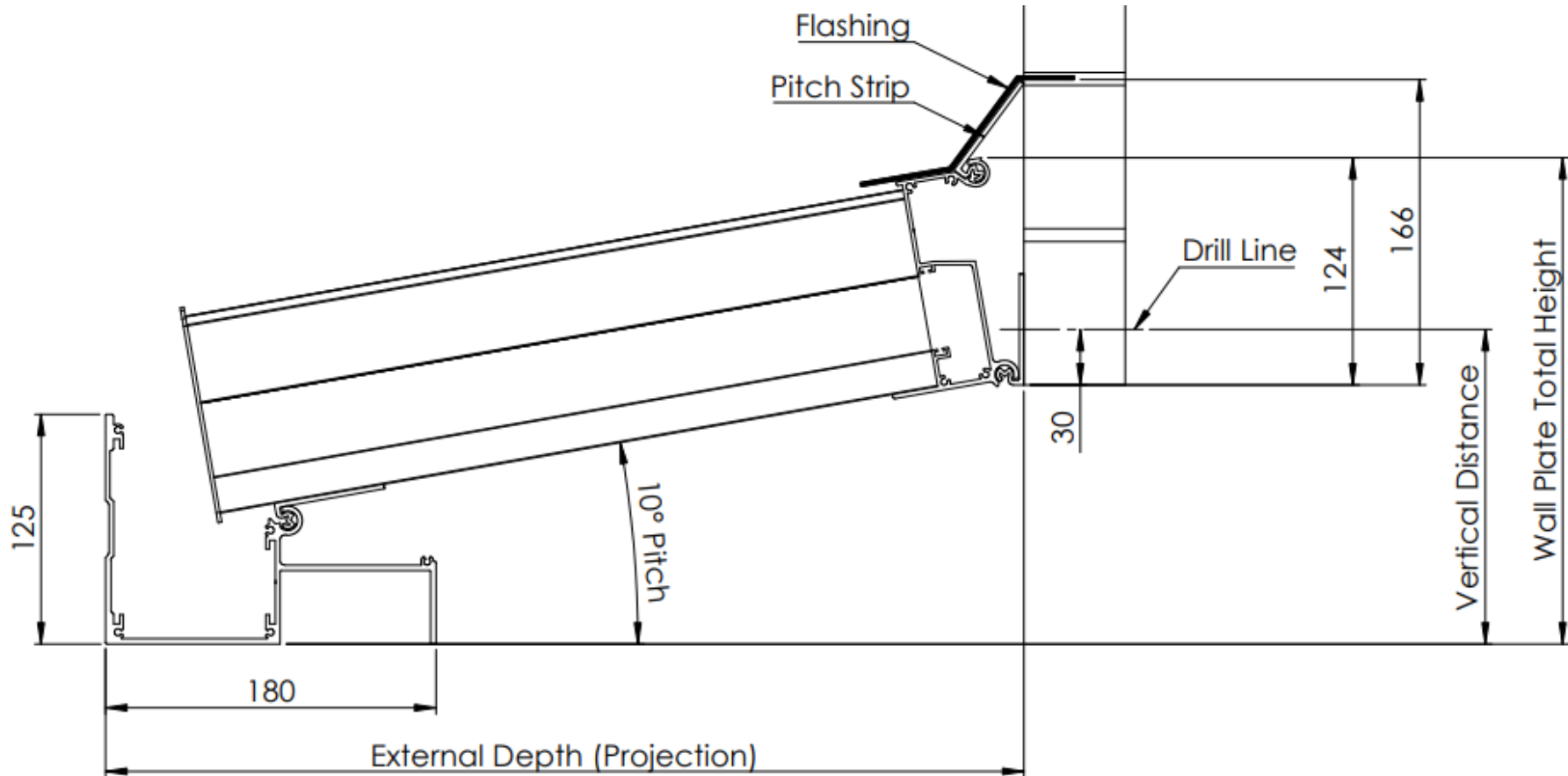


Cross Section View



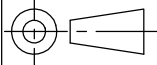
Example distance to appropriate drill hole on wall plate 10 degree roof pitch.

****If the difference in the back and front height exceeds 1080mm on a 4m projection you will need to price into the next projection bracket of 4.5m projection. This is due to the bar exceeding 4m.**



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Pitch Chart Calculator Simplicity 35

 3rd Angle Projection	Page	Date	Page Size	Scale	Drawn
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	PPC	ACS		000001	V1.5

Simplicity 35 Pitch Calculator

Pitch°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	
Projection (mm)	1000	111	150	190	230	270	311	354	397	442	489	537	588	641	698	758	823	892	967
	1250	122	172	223	274	325	378	432	488	546	605	667	732	801	873	950	1032	1121	1217
	1500	133	194	255	318	381	445	511	579	649	722	797	877	960	1048	1142	1242	1350	1467
	1750	144	216	288	362	436	512	590	670	753	838	928	1021	1119	1223	1334	1452	1579	1717
	2000	155	238	321	406	492	579	669	761	856	955	1058	1165	1279	1398	1526	1662	1808	1967
	2250	166	260	354	450	547	646	748	852	960	1071	1188	1310	1438	1573	1717	1871	2037	2217
	2500	177	282	387	494	603	713	827	943	1063	1188	1318	1454	1597	1748	1909	2081	2266	2467
	2750	188	303	420	538	658	780	905	1034	1167	1305	1448	1598	1756	1923	2101	2291	2495	2717
	3000	199	325	453	582	713	847	984	1125	1270	1421	1578	1743	1916	2098	2293	2501	2725	2967
	3250	209	347	486	626	769	914	1063	1216	1374	1538	1708	1887	2075	2274	2485	2711	2954	3217
	3500	220	369	519	670	824	981	1142	1307	1478	1654	1839	2031	2234	2449	2677	2920	3183	3467
	3750	231	391	552	714	880	1048	1221	1398	1581	1771	1969	2176	2393	2624	2868	3130	3412	3717
	4000	242	413	585	758	935	1115	1299	1489	1685	1887	2099	2320	2553	2799	3060	3340	3641	3967
	4250	253	435	618	803	990	1182	1378	1580	1788	2004	2229	2464	2712	2974	3252	3550	3870	4217
	4500	264	457	650	847	1046	1249	1457	1671	1892	2121	2359	2609	2871	3149	3444	3759	4099	
	4750	275	478	683	891	1101	1316	1536	1762	1995	2237	2489	2753	3030	3324	3636			
	5000	286	500	716	935	1157	1383	1615	1853	2099	2354	2619	2897	3190	3499				
5250	297	522	749	979	1212	1450	1694	1944	2202	2470	2750	3042							
5500	308	544	782	1023	1268	1517	1772	2035	2306	2587									
5750	319	566	815	1067	1323	1584	1851												
6000	330	588	848	1111															

**If the difference in the back and front height exceeds 1080mm on a 4m projection you will need to price into the next projection bracket of 4.5m projection. This is due to the bar exceeding 4m.

WE RECOMMEND A MINIMUM HEIGHT OF 2100MM FROM FFL TO THE UNDERSIDE OF THE GUTTER

Example Calculation

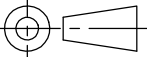
Given that the projection is **1000mm**, for the minimum pitch of **2.5°** you will need a measurement of **111mm** between the underside of the gutter and the underside of the wall plate.

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Pitch Chart Calculator Simplicity 35

ALL DIMENSIONS ABOVE IN MM

 <small>3rd Angle Projection</small>	Page	Date	Page Size	Scale	Drawn
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