

Theoretical Coverage

	Sintabond	P.V.C.	Epoxy	Nylon	Polyester
Bulk Density of Powder	350	480	500	-	-
Kg/ou.m	450				
Specific Gravity of Coating	0.92	1.3	1.6	1.04	1.7

The following table give the weights of powders needed to apply a 250um to coating to various substrates.

	Sintabond	P.V.C.	Epoxy	Nylon	Polyester
Flat surfaces, gm/sq.m.	234	333	400	264	432
Wires, gm/m					
8mm	6	8.5	10.4	6.8	11.1
6mm	4.5	6.4	8.2	5.1	8.3
5mm	3.8	5.4	6.6	4.3	7
4mm	3.1	4.4	5.3	3.5	5.7
3mm	2.4	3.3	4.3	2.7	4.4
2mm	1.6	2.3	2.8	1.8	2.9
1mm	0.9	1.3	1.6	1	1.7
Rods and Tubes gm/m					
25mm	18.3	26	32	20.7	33.8
20mm	14.6	20.8	25.4	16.5	27
15mm	11	15.7	19.2	12.4	20.3
10mm	7.4	10.6	13	8.4	13.7
Wires, mild steel gm/kg of wire					
8mm	145.7	207	253	168	269.5
6mm	65.9	93.7	115	74.5	121.9
5mm	42.3	60.2	67	47.9	79
4mm	31.2	44.4	54	35.3	56.2
3mm	24.6	35.1	43	24.8	45.5
2mm	20.1	29	33	23.1	37
1mm	15.1	21.5	26	17.1	27.9

Theoretical Coverage, Allow Appropriate Loss Factors