



EARTHING COMPOUND

GEM™ (Ground Enhancement Material)

Estimated bags of GEM for backfilling around ground rod to a density 90lb/cu ft (1442kg/ cu metres)							
Dia. of Hole	Depth of Hole (feet)						
	1.8 m (6')	2.1 m (7')	2.4 m (8')	2.7 m (9')	5.2 m (17')	5.8 m (19')	6.1 m (20')
7.5 cm (3")	2	2	2	2	4	4	4
10.0 cm (4")	2	3	3	3	6	7	7
12.5 cm (5")	3	4	4	5	9	10	10
15.0 cm (6")	5	5	6	7	13	14	15
17.5 cm (7")	6	7	8	9	17	19	20
20.0 cm (8")	8	9	11	12	22	25	26
22.5 cm (9")	10	12	13	15	28	31	32
25.0 cm (10")	12	14	16	18	34	38	40

8 foot (2.44m) minimum rod length required to be in contact
with the soil (or GEM™). Per NEC 250-83c.

ITEM NUMBER - 400915

1 0	TITLEBLOCK & DRAWING NUMBER FORMATTED ISSUED FOR CONSTRUCTION	K. T. A. S.	FEB'19 SEPT'04	C. C. R. C.	C. C. C. F.	 NORTHERN TERRITORY	DES GEM	POWER STANDARD DRAWING	
	NO	DESCRIPTION	DRN	DATE	CKD		APPD	DRN A. SCHMID	EARTHING EARTHING COMPOUND
AMENDMENTS							CKD R. CLEOPAS		
							APPD C. FOO		
							SCALE N. T. S.		
							ISSUED SEPT'04	A3	DRAWING NUMBER S02-01-05-02
							ALL DIM. IN mm		
							DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY
									 1 AMDT