

Ground Enhancement Material

A **valmont**  COMPANY



Features: An economical solution for areas with very difficult grounding issues.

Construction: Highly conductive in a wet or dry application and does not require moisture to lower the resistance of your grounding system.

Design Criteria: Can be poured in dry or pumped in slurry form. No tamping required. It is very contractor friendly. No special tools required.

Part #	Size	Weight
38-6501-25	25 lb. bag	25.15 lb.

CONTACT-GM

GROUND ENHANCEMENT MATERIAL

CONTACT-GM

CONTACT-GM is an economical solution for areas with very difficult grounding issues.

CONTACT-GM is highly conductive in a wet or dry application and does not require moisture to lower the resistance of your grounding system.

CONTACT-GM contains a corrosion inhibitor which forms a film on copper creating a barrier against corrosion.

CONTACT-GM can be poured in dry or pumped in slurry form. No tamping required. It is very contractor friendly. No special tools required.

Type	Part #
CONTACT - GM 25lb	38-6501-25

CONTACT-GM Advantages:

- Easy to install
- Electrically Conductive
- Environmentally Friendly
- Will not leech into the ground
- Positive low resistance, electrical connection to earth
- Does not contain any hazardous chemicals
- Compatible with all copper grounding systems
- Contains a corrosion inhibitor to protect copper
- Will not expand or shrink
- Not affected by freezing
- Excellent shelf life
- Typical resistivity <10 Ohm-cm

CONTACT-GM Material Required Per Linear Foot of Trench

DEPTH of CONTACT-GM (Inches)	WIDTH OF TRENCH (Inches)										
	4	6	8	10	12	14	16	18	20	22	24
2	4.1	6.2	8.1	10.1	12.1	14.1	16.2	18.2	20.2	22.2	24.2
3	6.2	9.3	12.1	15.2	18.2	21.2	24.2	27.3	30.3	33.3	36.4
4	8.2	12.3	16.2	20.2	24.2	28.3	32.3	36.4	40.4	44.5	48.5
5	10.3	15.4	20.2	25.3	30.3	35.4	40.4	45.5	50.5	55.6	60.6
6	12.3	18.5	24.2	30.3	36.4	42.4	48.5	54.6	60.6	66.7	72.7
7	14.4	21.6	28.3	35.4	42.4	49.5	56.6	63.7	70.7	77.8	84.9
8	16.4	24.7	32.3	40.4	48.5	56.0	64.7	72.7	80.8	88.9	97.0
9	18.5	27.8	36.4	45.5	54.6	63.7	72.7	81.8	90.9	100.0	109.1
10	20.6	30.8	40.4	50.5	60.6	70.7	80.8	90.9	101.0	111.1	121.2

To calculate the lbs of material required to-fill a trench

1. Determine desired thickness
2. Move to the right until you are under the known width of the trench. This number will be the weight of the material lbs/linear ft.
3. Take this number and multiply by the length of the trench in feet. Your answer will be the amount of CONTACT-GM material required to fill the trench to the desired level in lbs.

Example:

Depth of CONTACT-GM	=	6 inches
Width of trench	=	18 inches
Length of trench	=	25 ft.
Answer	=	1,365 lbs of CONTACT-GM

1,365 lbs. = 54.6 lbs* per linear ft or 28 (50 lb) bags of **CONTACT-GM**

* From chart above.