

## PHYSICAL PROPERTIES

### MIX PROPORTIONS BY VOLUME

Cement	Vermiculite	Sand	WET DENSITY PCF	OVEN DRY DENSITY PCF	COMPRESSIVE STRENGTH 28 DAYS PSI	"K" FACTOR
1	8	0	40-48	19-22	70-125	0.60-0.65
1	7	0	42-47	20-24	125-140	0.65-0.69
1	6	0	44-52	23-27	135-175	0.69-0.73
1	5	0	49-55	25-31	175-125	0.72-0.75
1	4	0	55-62	30-35	225-325	0.79-0.81
1	3	2	85-91	75-80	600-620	2.50-2.75