

E. FILL MATERIAL:

1. SELF COMPACTING FILL MATERIAL SHALL BE NON-PLASTIC AS DEFINED IN THE TABLE BELOW, FILL SHALL CONSIST OF APPROVED LOCAL OR COMMERCIAL MATERIALS FREE FROM ROOTS, MUCK AND DEBRIS.
2. PERMISSABLE CONSTITUANTS TO BE DEFINED AS IN TABLE BELOW.
3. GRADING:

DESIGN RANGE FOR SELF COMPACTING FILL
AMOUNTS FINER THAN EACH LABORATORY SIEVE
(SQUARE OPENING) (% BY WEIGHT)

SIZE NO.	200mm	175mm	125mm	100mm	75mm	50mm
6A	100	96-100	51-100	25-50	0-23	0-7

4. MINIMAL NOMINAL WEIGHT = 3 Kg.
5. D_{n50}>50mm

F. GRAVEL:

1. AGGREGATE BASE MATERIAL WILL BE DESIGNATED AS TYPE I OR TYPE II AS FOLLOWS:

TYPE I SHALL CONSIST OF CRUSHED STONE, CRUSHED SLAG OR CRUSHED GRAVEL, WITH OR WITHOUT SOIL MORTAR OR OTHER ADMIXTURES, CRUSHED GRAVEL SHALL CONSIST OF PARTICLES OF WHICH AT LEAST 90 PERCENT BY WEIGHT OF THE MATERIAL RETAINED ON THE NO. 10 SIEVE SHALL HAVE AT LEAST ONE FACE FRACTURED BY ARTIFICIAL CRUSHING.

TYPE II SHALL CONSIST OF GRAVEL, STONE, OR SLAG SCREENINGS; FINE AGGREGATE AND CRUSHED COARSE AGGREGATE; SAND-CLAY-GRAVEL MIXTURES; OR ANY COMBINATION OF THESE MATERIALS; WITH OR WITHOUT SOIL MORTAR OR OTHER ADMIXTURES.

DESIGN RANGE FOR DENSE GRADED AGGREGATES
AMOUNTS FINER THAN EACH LABORATORY SIEVE
(SQUARE OPENING) (% BY WEIGHT)

SIZE NO.	50mm	25mm	10mm	NO. 10	NO. 40	NO.200
21A	100	94-100	63-72	32-41	14-24	6-12
21B	100	85-95	50-69	20-36	9-19	4-7