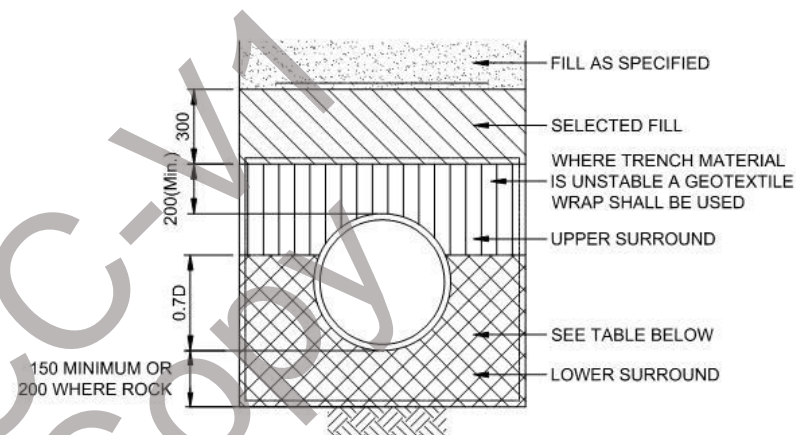


**FLEXIBLE AND SEMI-RIGID PIPE BEDDING - CLASS 'S'**

BEDDING CLASSES AND FACTORS		
BEDDING CLASS	DEFLECTION COEFFICIENT K <sub>x</sub>	BED AND SURROUND MATERIAL
S1	0.083	SINGLE SIZE PROCESSED GRAVEL 10/14/20mm
S2	0.083	GRADED GRAVEL 5-14 OR 5-20mm
S3	0.10	SAND AND COARSE GRAINED AS-DUG SOIL WITH MORE THAN 12% FINES
S4	0.10	COARSE GRAINED AS-DUG SOIL WITH MORE THAN 12% FINES OR FINE GRAINED SOIL, LL<50%, MEDIUM TO NO PLASTICITY AND MORE THAN 25% COARSE GRAINED MATERIAL
S5*	0.10	FINE GRAINED SOIL, LL<50%, MEDIUM TO NO PLASTICITY AND LESS THAN 25% COARSE MATERIAL

SEE BS EN 1295 : 1997 TABLE NA.6 FOR FACTORS  
GIVEN BY DIFFERENT DEGREES OF COMPACTION

\* ONLY SUITABLE FOR SEMI-RIGID PIPES



**FLEXIBLE AND SEMI-RIGID PIPE BEDDING - CLASS 'B'**

BEDDING CLASSES AND FACTORS		
BEDDING CLASS	DEFLECTION COEFFICIENT K <sub>x</sub>	BED AND SURROUND MATERIAL
B1	0.083	UPPER SURROUND AS FOR S3 OR S4 LOWER SURROUND AS FOR S1 OR S2
B2	0.083	UPPER SURROUND AS FOR S5 LOWER SURROUND AS FOR S1 OR S2

NOTE : CLASS 'B' BEDDING IS NOT  
RECOMMENDED  
FOR PIPES WITH DIAMETRAL  
STIFFNESS LESS THAN  
10 KN/M<sup>2</sup>

**Figure A2-1 - Pipe Bedding Classes S and B for Flexible and Semi-Rigid Pipe Bedding**