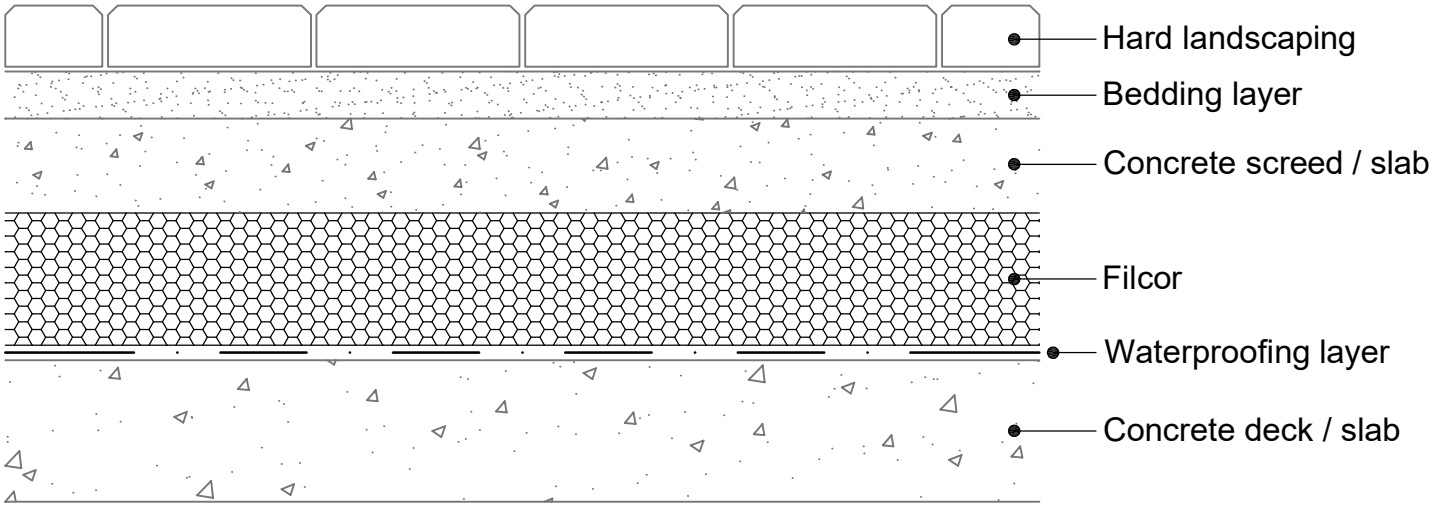

Filcor Grades & Physical Properties		
Grade	Maximum recommended load kN/m² *	Nominal density Kg/m³
Filcor 20	20	15
Filcor 45	45	20
Filcor 70	70	25
Filcor 90	90	30
Filcor 100	100	35
Filcor 120	120	40
Filcor 140	140	45
Filcor 160	160	50
Filcor 190	190	55
All Filcor grades of expanded polystyrene are manufactured in accordance with BS EN 14933:2007		
* Maximum recommended load to not exceed theoretical compressive strength at 1% strain		

Products :-	Notes :-	**Standard Detail**
Filcor.	- All Filcor material is manufactured in accordance with EN 14933:2007. - The Filcor material should be supported on a firm, level surface. - If the applied load exceeds the theoretical compressive strength at 1% strain then the strain will potentially exceed 1% (the assumed elastic limit) and the amount of deflection should be considered. - Where the depth of Filcor requires multiple layers, each subsequent layer should be laid perpendicular to the one below, with all joints equally staggered. - Where the void former is required to act as insulation to the structure below, the designer should consider positioning the waterproofing layer above the insulation / void former (warm roof construction) or using a moisture resistant material such as Cordek Extruded Polystyrene (XPS). - This detail is issued for guidance only, with final approval required by the designer.	cordek Tel : 01403 799600 Email : techsupport@cordek.com Drg. Title: Standard Structural Fill Beneath Hard Landscaping Detail - Filcor Drawn: SJP Date: April.2019 Scale: NTS Drg No. ENG/SF/FIL/002 Rev. 2