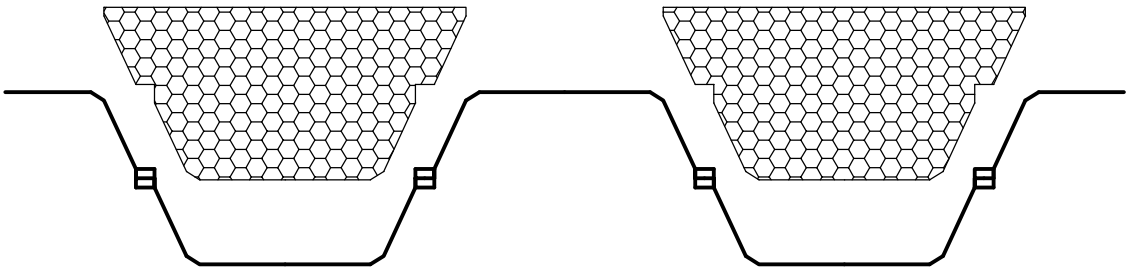

Filcor Sheet Pile Infills can be fabricated to suit all types and sizes of sheet piling

Typically supplied in 1200mm lengths - Filcor grade to be determined

Filcor Grades & Physical Properties

Grade	Nominal density kg/m³	Maximum recommended load to not exceed compressive strength at 1% strain (kN/m²)	Maximum concrete pour depth to not exceed compressive strength at 1% strain (m)	Maximum recommended load to not exceed compressive strength at 10% strain (kN/m²)	Maximum concrete pour depth to not exceed compressive strength at 10% strain (m)
Filcor 20	15	20	0.8	70	2.8
Filcor 45	20	45	1.8	100	4.0
Filcor 70	25	70	2.8	150	6.0
Filcor 90	30	90	3.6	200	8.0
Filcor 100	35	100	4.0	250	10.0
Filcor 120	40	120	4.8	300	12.0
Filcor 140	45	140	5.6	350	14.0
Filcor 160	50	160	6.4	400	16.0
Filcor 190	55	190	7.6	500	20.0

All Filcor grades of expanded polystyrene are manufactured in accordance with BS EN 14933:2007

- The grade of Filcor used to manufacture the Sheet Pile Infills should be based upon the maximum height of the concrete pour rather than the overall height of the structure being constructed.
- Where the use of a waterproof and / or gas protection membrane is proposed, it is recommended that the maximum depth of the concrete pour does not exceed that suggested for Compressive Strength at 1% strain as indicated in the table above.
- For applications that do not require the use of a waterproof and / or gas protection membrane, it is recommended that the maximum depth of the concrete pour does not exceed that suggested for Compressive Strength at 10% strain as indicated in the table above.
- Please consult with the Cordek technical team on 01403 799600 if further advice is required.

Products :-	Notes :-
Sheet Pile Infill.	- Infill units are manufactured to order, based upon the specific type / profile of the sheet pile. - The grade of Filcor used to manufacture the Sheet Pile Infill units is dependent on the height of concrete to be cast against them.

Standard Detail

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Drg. Title:
Standard Detail - Sheet Pile Infills

Drawn: SJP

Date: October.2020 | Scale: NTS

Drg No. ENG/PP/SP/001 | Rev. 3