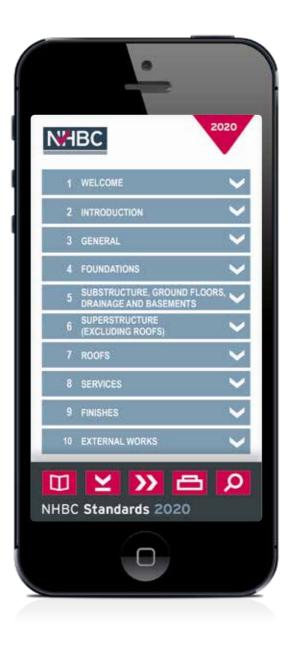




Option to zoom in on illustration/table/graph

	№ HBC	Substructure and ground bearing floors
		5.1.12 Walls below the DPC Also see: Chapters
4	FOUNDATIONS	Substructure and walls below the DPC shall be suitably constructed. Issues to be taken into account include: a) construction of walls acting as temporary retaining walls b) concrete cavity fill.
		Construction of walls acting as temporary retaining walls
5	SUBSTRUCTURE, GROUND FLOORS, DRAINAGE AND BASEMENTS	Backfill should be placed in layers of equal thickness to both sides of the substructure walls, so that compaction on one side is not no one layer ahead of the other. Where backfill is placed and compacted on one side of the foundation trench before the other side is bac
5.1	Substructure and ground bearing floors	the wall will be acting as a temporary retaining wall.
5.1.1	Compliance	In such cases, the wall should either be designed by an engineer in accordance with Technical Requirement R5 or the thickness (T) s as indicated in Table 2.
5.12	Provision of Information	T
5.1.3	Transfer of loads	ETTEL AND A THE AND A THE
514	Ground conditions	
615	Services and drainege	
5.1.6	Ground below fill	
517	Fill below foors	
513	Infill up to 600mm deep	
519	Motoriais used for BE	the south of the s
1.1.10	Harmful or toxic materials	fill compacted equality on both sides
51.0	Regulatory solutions	Table 2: Acceptable D:T of temporary retaining walls
5112	Value test DFC	Depth (D) of filled trench Minimum thickness (T) of wall leaf supporting fill
51.13	Durability	Up to 1100mm 200mm 1100-1400mm 300mm
5.1.14	Montae	1400-1700mm 400mm
5.1.15	Walt lies	1700-2000mm 500mm
5.1.16	Bindrg	This guidance is only applicable to the temporary condition and where problems such as hydrostatic pressure are not present.
51.17	Ground floor slat and concrete	Concrete cavity fill
	Laying the ground-bearing foor alab	A minimum 225mm clear cavity below the DPC should be maintained. When specialised foundations are used, including those for tim framed buildings, the minimum clear cavity depth may be reduced to 150mm below the DPC, provided that weep holes and other nec
31.10	the set of the set of the set	measures are taken to ensure free drainage.
	C Standards 2019	D SUPPLEMENTARY Z DOWNLOAD SHARE
NUC	Stanuarus 2019	







Chapter introduction



This chapter gives guidance on meeting the Technical Requirements and recommendations for substructures (excluding foundations), including substructure walls, ground-bearing floors where infill is no deeper than 600mm, and installation of services below the damp proof course (DPC).

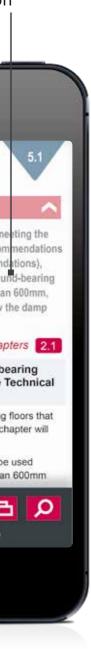
Also see: Chapters 2.1

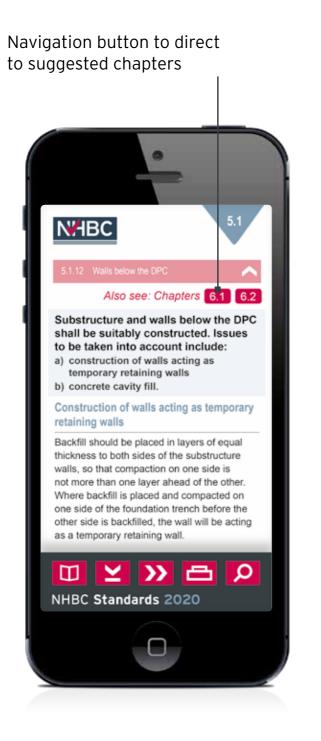
Substructures and ground-bearing floors shall comply with the Technical Requirements.

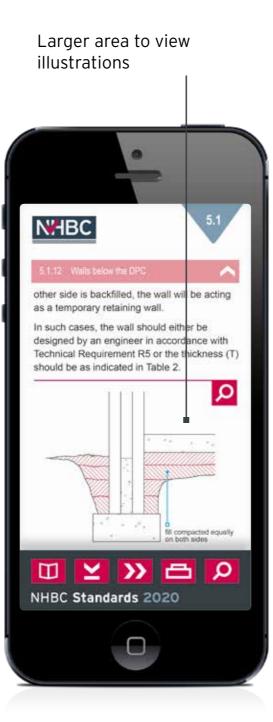
Substructures and ground-bearing floors that comply with the guidance in this chapter will generally be acceptable.

Ground-bearing floors may only be used where the depth of infill is less than 600mm

NHBC Standards 2020









present.



