

**Bilbie Green Cribbs Causeway, Bristol**

**Taylor Wimpey Bristol**

**Deeley Freed**

**Earthworks Specification**



**Unit 9 Westway Garage  
Marksbury  
BATH, BA2 9HN  
t: 01761 479950**

**General Requirements:**

All material shall be suitable for use as fill in accordance with the Manual of Contract Documents for Highway Works (MCHW), Specification for Highway Works (SHW), Series 600.

All material shall be tested at source to demonstrate that it is 'Acceptable Material', as defined in Clause 601.

**General Fill Material for use in development areas shall be:**

Class1 Granular Material:	Class 1A	Well graded granular material
	Class 1B	Uniformly graded granular material
	Class 1C	Coarse granular Material
Class 2 Cohesive Material:	Class 2A	Wet cohesive material
	Class 2B	Dry cohesive material
	Class 2C	Stony cohesive material
	Class 2D	Silty cohesive material

**Compaction Requirements for Class 1 & 2 Material:**

All material shall when placed and compacted in accordance with SHW Series 600 be capable of achieving the following:

Minimum CBR of 5%

Minimum 95% Maximum Dry Density (MDD)

Maximum 5% Air Voids

Testing shall be carried on each layer at 50m intervals to demonstrate that the above compaction can be achieved, and the method required to achieve the compaction.

**Material Other Than Class 1 & 2:**

Material classifiable at Class U1A, U1B, or U2 will not be acceptable.

Any material or constituents of material that does not classify as Class 1 or 2 will not be accepted unless it can be demonstrated at source that it will be suitable for use as general fill or capping.

Any recycled material or material containing recycled materials will not be accepted unless it can be demonstrated at source that it will be suitable for use as general fill or capping. This includes bituminous material such as road planings and granulated asphalt.

Material requiring processing or special measures to make it suitable for use in the works or to achieve the compaction requirements will not be acceptable unless agreed otherwise.

Material containing organic material, wood, or plastic will not be acceptable unless agreed otherwise.

Topsoil or material suitable for landscape use will not be acceptable unless agreed otherwise.

**Stockpiling:**

All stockpile areas shall be stripped of topsoil prior to any material being placed.

All classifications of material shall be stockpiled separately, and a full record kept of its source, volume and testing.

Stockpiling of material shall be carried out in a manner to ensure that it is not cross contaminated with any other class of material.

Stockpiles shall be managed to ensure that material does not become waterlogged or exposed to wet conditions for extended periods.

Measures shall be employed to manage surface water and silt.