

Rock Armour Installation Method Statement

Embankment Preparation & Fill

All debris from shore line within CDM boundaries to be cleared and taken off site.
Riddle bucket to be used to separate waste rubbish from sand/gravel beach material.
B817 verge turf to be stripped to allow for embankment construction.
Imported Class 1 will be placed and compacted in layers to form the embankment ready for cycle path construction.

Existing Rock Armour Removal

Existing 0.3-1t rock armour to be removed by a 360 degree excavator, stationed on the shore. This armourstone is to be temporarily stored on the shore until the embankment is constructed.

Rock Armour delivery and Offload

Rock armour deliveries for shall be 4-8nr loads per day depending on site requirements.
As works progress new Laydown will be formed to allow for rock armour storage closer to face of work, from here armour stone will be loaded to dumper and transported to work front.
All delivery vehicles will be Guided by appointed banksman to Primary tipping location.

Rock Armour Preparation & Fill

Engineer to set out toe of batter for rock armour and excavated to line and level given.
Excavator fitted with GPS with for line and level to work to. Engineer to check as necessary.
Toe section will be tidal works, 12m sections to be excavated and textile installed each day during low tide.
Geotextile Type 1 – Separation and filtration for rock armour (HPS 6 geotextile) to be laid to formation approximately two 6m lengths at a time and rock placed at toe as per details supplied, to above MHWS.
The layer of material onto which the geotextile is to be placed shall not have protrusions or sharp projections which are likely to damage the geotextile during the installation process.
HPS6 rolls will be lifted by excavator and spreader beam.

Rock armour will be placed using 360 Excavator, Operative will carefully select stone to ensure rock is securely interlinked and won't settle, excavator fitted with GPS to regularly check line and level of placed rock to ensure a consistent aesthetic appearance

Geotextile to be laid down and held in place by rock armour, geotextile to be wrapped around lowest rock on bottom layer.

Initial works shall be undertaken at low tide, this will allow for later works above the high tide level to be carried out when necessary throughout the day.