

Title of project: Runswick Bay Strategy - Option 6 Rock Fillet  
 Construction cost: 1,000

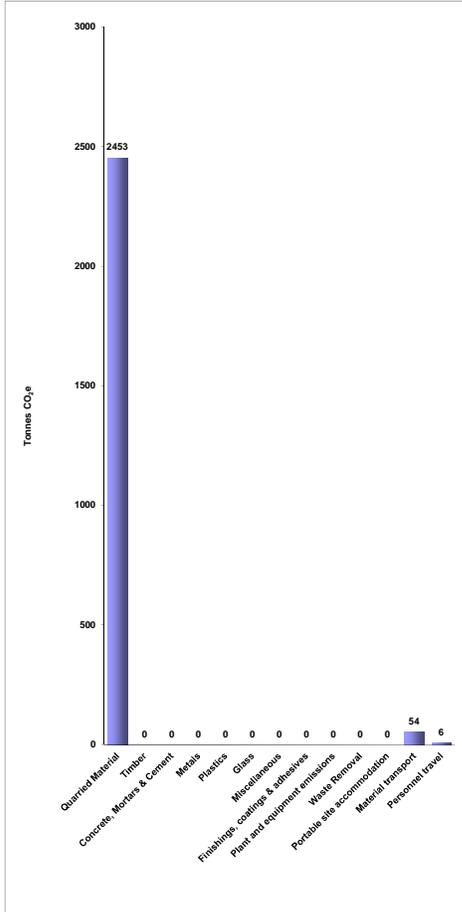
Total Carbon Footprint: 2,513 tonnes fossil CO<sub>2</sub>e

We would like to hear from you:  
 We would like to build a database of case studies on the EA website to share knowledge, emission reduction ideas and lessons learnt.  
 Please send your completed examples to [ccc@environment-agency.gov.uk](mailto:ccc@environment-agency.gov.uk). Do not forget to include a short description of the actions / measures you have identified for the reduction of the total carbon footprint in the Project Information page.

Environment Agency



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Sub-totals	tonnes CO <sub>2</sub> e	%
Quarried Material	2452.5	98%
Timber	0.0	0%
Concrete, Mortars & Cement	0.0	0%
Metals	0.0	0%
Plastics	0.0	0%
Glass	0.0	0%
Miscellaneous	0.0	0%
Finishing, coatings & adhesives	0.0	0%
Plant and equipment emissions	0.0	0%
Waste Removal	0.0	0%
Portable site accommodation	0.0	0%
Material transport	53.8	2%
Personnel travel	6.3	0%

**Significant materials (figures include transport to site)**

Granite	2503.760 tonnes CO <sub>2</sub> e
Personnel travel (estimated)	6.262 tonnes CO <sub>2</sub> e
Recycled aggregate	2.500 tonnes CO <sub>2</sub> e

The accuracy of individual values is unlikely to be better than +/-5%. As a consequence of using default factors and estimated tonnages, carbon footprints obtained from this calculator might be expected to be within +/-25% of the true value. Given the range of values associated with certain materials (cements for example), default values may give results that are out by 100% or more. Local data should be used where available.

