

# 118 GRANITE SETTS



Granite setts are quarried stone cut to size in a rectangular or square shape, often with uneven edges. There are various types and colours depending on location of the quarry. They are cut in various shapes and sizes, depending on the specification required. They are of similar quality, strength and finish so they can be laid uniformly or in a mosaic architectural finish. Granite setts are extremely hard wearing and valuable.

Granite Setts Inert 17 05 04

## WASTE STREAMS

### DISPOSAL

The landfilling of granite setts should always be avoided unless they are heavily contaminated.

### RECOVERY

There are no recovery options for granite setts.

### RECYCLE

Granite setts are rarely shattered or broken due to their inherent durability and strength. They can be crushed using appropriate equipment and recycled where markets exist. However, crushing of intact granite setts should really be avoided.

### RECLAIM

Granite setts in good condition, uncontaminated and easily removed from other substrates may be set aside for reuse. There is a strong market for old granite setts, which is a valued commodity to reclamation companies.

## USAGE & PROBABLE LOCATIONS

Granite setts is generally used for pavements, roads, floors, farmyards, stables, market places, open public spaces, garden features and walkways. They may also be found underneath modern, tarmac roads. They are located in market towns, period buildings, old mills, streets and roads, open spaces of towns and cities, farmyards, older military establishments and a wide range of gardens.

## PERSONAL PROTECTIVE EQUIPMENT

PPE requirements indicated are for guidance purposes only. DRIDS has identified the PPE that is mandatory on all demolition projects and ones that may be required subject to site specific Risk Assessment & Method Statement (RAMS).



## REMOVAL, SEGREGATION & STORAGE

Granite setts can be lifted using suitable plant and hand tools. Granite setts that are destined for reuse should be lifted, cleaned of mortar, segregated and stored to ensure their integrity and good condition. They should be stacked in crates or on timber pallets and bound with cling-film to prevent tumbling and away from plant movements to prevent splash damage. Crushed granite setts destined for recycling should have the majority of contaminants removed to suit the quality protocol for recycled aggregates. There is no need to store palletted or crushed granite setts inside a building or under cover as they are robust against inclement weather.

## TOOLS

360 plant and attachments, air tools, hammer, crowbar, jemmy bar, bolster chisels, scrapper/mutt.

## FIXTURES, FITTINGS & CONNECTIONS

Granite setts have been traditionally laid in place on a dry base such as sand, gravel or crushed stone, or wet laid using lime mortar or other mortar mix. Some granite setts will be integrated with other materials or granite products to form a road, street, pavement, garden feature, architectural feature or ornamental feature. Drainage ironmongery, flag stones, manhole covers and grids may also be incorporated into the laid feature for drainage or to provide access underneath. The laid pavements and yards may also incorporate functional features and stablery such as water troughs, fish stones, public seating stones and clock towers.

## HEALTH & SAFETY

**Subject to task-specific Risk Assessment & Method Statement (RAMS).** Wear gloves when handling stone products and crushed materials to prevent irritation, cuts and abrasion. Use eye protection when using hand tools. Limit hand, arm and whole body vibration when using air tools. Only use 360 plant and attachments if appropriately trained.

## FURTHER READING

Reclaimed Products Guide  
Reclaimed Granite Setts  
Granite Setts Buyer - Supplier  
Aggregate Quality Protocols  
Reclaimed Granite Setts Online  
Reclaimed Granite Setts

## TRAINING

Manual Handling  
Safe Use of Hand Tools  
Safe Use of 360 Plant and Attachments