

Health + Safety

Anchor® Segmental Retaining Wall

PRODUCT INFORMATION

1. Identification of Product
 - 1.1 Aspen Stone® / Bayfield® / Diamond® / Vertica® / Landmark®
2. Application
 - 2.1 Anchor products are designed for both commercial/industrial and domestic use.
3. Composition of Ingredients
 - 3.1 Anchor® products are a mixture of natural aggregates, cement and water. Pigments and/or Admixtures may be added to modify the properties of the finished product.
4. Hazard Identification
 - 4.1 Anchor products are abrasive and some sharp edges may be present.
 - 4.2 They typically weigh from 10kg to 40kg depending on size and particular product being used.
 - 4.3 Bales of Anchor Products typically weigh from 1 tonne to 1.7 tonnes depending on size, quantity and bale configuration.
 - 4.4 Strapping is only designed to facilitate handling during manufacture and delivery to site. It should not be relied on for site handling.
 - 4.5 Cutting, drilling or hammering of Anchor Products can create dust. If inhaled in excessive quantities over extended periods, respirable dust can constitute a long-term hazard. Cutting, drilling or hammering of Anchor Products, unless adequately controlled, can project particles at high velocity with consequent risk impact damage and/or injury particularly to exposed areas of body and eyes.
 - 4.6 When cutting or handling "GEO GRIDS" & "LOCKING BARS" extreme care should be taken to ensure that the appropriate PPE is worn and safe manual handling techniques are applied at all times.
5. First Aid Measures
 - 5.1 Cuts, abrasions etc. should be washed with clean water and treated with the normal First Aid method.
 - 5.2 If skin is irritated, wash with soap and water and apply a suitable skin cream.
 - 5.3 If dust enters the eyes, irrigate with copious amounts of clean water and SEEK MEDICAL ATTENTION. IN ALL CASES OF DOUBT, MEDICAL ATTENTION SHOULD BE OBTAINED.
6. Fire Fighting Measures
 - 6.1 Not applicable to the product.
 - 6.2 Burning of polythene wrapping is accompanied by the release of flaming molten droplets, which can spread the fire. Packaging material fires may be extinguished by cooling with water spray, provided the fire is limited to the packaging materials.
7. Accidental Release Measures
 - 7.1 Not applicable.
8. Handling and Storage
 - 8.1 Anchor products are supplied on pallets and wrapped in polythene.
 - 8.2 Packaging is only designed to allow safe delivery of the products to site. If bales are to be moved on site, care must be taken to ensure the integrity of the bale prior to and during moving. Under no circumstances should any personnel stand under or near a bale during lifting.
 - 8.3 The preferred method of offloading from vehicles is mechanical means, ensuring all lifting apparatus and vehicles are capable of lifting the bales and are within their safe working load.
 - 8.4 Bales will vary in weight from 1 tonne to 1.7 tonnes depending on size, quantity and bale configuration.
 - 8.5 Care should be taken when placing bales into position as to avoid banging or dropping them.
 - 8.6 Offload and store bales on hard, level surfaces and not on slopes or soft ground.
 - 8.7 Ideally, bales should not be stacked. If bales have to be stacked due to limited space available, they should not be stacked more than two high. Bales should not be stack-bonded with one directly on top of another. When stacking, the top bale should bridge the two supporting bales beneath.
 - 8.8 When offloading by hand and building, always follow safe manual handling lifting procedures.
 - 8.9 When handling / building Vertica® and Landmark® the block lifting aid should always be used.
 - 8.10 Do not slide or throw the product.
 - 8.11 If there is a need to transfer products to other pallets, always ensure that the pallet is capable of carrying the load and is in good order, as Anchor products are heavy and will vary in weight from 10kg to 40kg each.
 - 8.12 Store products in groups of type, colour, etc to avoid unnecessary moving.
 - 8.13 When removing banding/strapping and wrapping around bales, use the appropriate cutting tools and always wear eye and hand protection. Before removing banding / strapping and wrapping, ensure that the contents within the bale are safe and will not shift or fall over.
 - 8.14 Where storage of the product is necessary in public areas accessed by the public, adequate notices, signs and marking must be used.
9. Exposure Controls and Personal Protection
 - 9.1 Hand Protection Wear suitable protective gloves.
 - 9.2 Skin Protection Avoid contact with skin.
 - 9.3 Eye Protection Wear goggles to prevent eye contact from flying particles when cutting, drilling or hammering Anchor Products.
 - 9.4 Masks Wear dust masks when cutting, drilling or hammering Anchor Products.
 - 9.5 Footwear Wear footwear with protective toe caps when working with Anchor Products.
 - 9.6 Head Protection Always wear suitable head protection i.e. Hard Hat when working with Anchor Products.
10. Physical and Chemical Properties
 - 10.1 Anchor Products can vary in colour; they are hard and will vary in weight.
 - 10.2 The product is abrasive.
 - 10.3 Anchor Products are chemically inert.
11. Stability and Reactivity Not applicable.
12. Toxicology Information
 - 12.1 Anchor Products will not give off any toxic fumes if subjected to heat or fire.
 - 12.2 Toxic gases and irritating smoke may come from the combustion of polythene wrapping, or timber pallets.
13. Ecological Information
 - 13.1 Anchor Products have no ecological effects.
14. Disposal Considerations
 - 14.1 Anchor Products and their associated polythene, paper, steel, plastic and timber packaging materials should be disposed of in accordance with local waste disposal regulations.
15. Transport Information
 - 15.1 Ensure security, safety and appropriate load at all times.
 - 15.2 Concrete products and their associated packaging materials are not subject to hazard substance conveyance regulations; therefore vehicle labelling is not required.
16. Regulatory Information
 - 16.1 Not applicable.
17. Other Information

If in doubt reference should be made to the following documents:
Document titled "The Safe Use of Acheson & Glover Products".
The Anchor Brochures & Anchor Installation Instruction guide should be referred to for additional information on safe construction guidelines.
Control of Substances Hazardous to Health Regulations (COSHH).
HSE Guidance Note EH40 - Occupational Exposure Limits.
HSE Construction Information Sheet No 36.
HSE Construction Information Sheet No 37.
Controlled waste (Duty of Care) regulations (NI) 2002.
Manual Handling Operations.
Provision and Use of Work Equipment Regulations.
Management of Health & Safety at Work Regulations.
18. Disclaimer

Data and advice in this Safety Data Sheet is provided to alert all purchasers and users to the possible hazards of use when the material is used as intended. This information should enable them to take necessary precautions to protect the Health and Safety of all personnel. Although every care has been taken to ensure that the information contained herein is correct and accurate at the date of publication; Acheson & Glover cannot accept responsibility or liability for any errors, inaccuracies or omissions that may have occurred inadvertently.