

SCG Concrete Fabric

SCG Concrete Fabric, the cutting-edge innovation of combining cement and synthetic fiber technology to create a new innovation of a concrete fabric with high flexibility, strength, and the ability to maintain its form in any condition.

How It Works



Free Form

Rigid Form

The SCG Concrete Fabric can be adjusted to any form according to your preference. It takes the SCG Concrete Fabric 4 hours to harden after it has been submerged in water or sprayed with water. The synthetic fibers and low permeability of SCG Concrete Fabric prevents the expansion of cracks.

SCG Concrete Fabric is appropriate for use in construction projects such as small canals, ponds, dykes, or walkways, for example.

How to USE

- Adjust** : Adjust the area to be smooth and compact.
- Laying** : Locate the blue indicator on the concrete fabric, and lay it blue side down. Adjust the fabric according to your preference.
- Fastening** : Overlap the edge of each concrete fabric sheet with its preceding sheet and fasten the edges with cement paste and hooks.
- Spraying Water** : Spray water onto the concrete fabric sheet until fully saturated, then let it set for 4 hours for the concrete fabric to fully harden. Clean, ph-balanced water should be used to spray the concrete fabric.
- Note** : Outcome depends upon user's expertise and skills.



Product Features



Weight prior to saturation
at 10 mm thick = 12 kg / square meter

User Benefits

DIY Product :

- Convenient for DIY projects as the SCG Concrete Fabric can be adjusted to any shape or form needed. Tables and chairs, for example, can easily be made by yourself.

Fast Installation :

- Adjust the area of installation, lay the SCG Concrete Fabric on the ground, spray water onto the concrete fabric, then wait for 4 hours for the concrete to set according to the required mold.

Clean Working Area and Less Preparation Procedures :

- No measuring of raw materials before mixing concrete.
- No concrete mixing required.
- No leftover concrete afterwards.

SCG Concrete Fabric

The defining attributes that SCG Concrete Fabric offers are strength and high flexibility. SCG Concrete Fabric is versatile, it can be adjusted to any form needed. It is convenient, fast, and easy to install, thus reducing the cost of labor in the process. It is suitable for creating basic structures such as laying dykes, erosion prevention, ponds, agricultural ponds, walkways and it can be used to strengthen areas of land, for example.



Application : Reservoir
Reference Site : Concrete Agricultural Reservoir,
 Lampang, 5000 square meters



Application : Ditch Lining
Reference Site : Agricultural Ditch Lining,
 Ratchaburi



Application : Berm
Reference Site : Berm for Flood Protection
 at Nong Kae industrial estate,
 Saraburi



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Additional Guidelines

Moving Instruction



QR Code Installation

Cautions and Warnings for Use of Product

- Do not use SCG Concrete Fabric in structures that need to withstand heavy force, such as roads, bridges, buildings, beams, pillars and to reinforce the strength of slopes, for example.
- Do not use SCG Concrete Fabric to create containers for food or drink storage.
- Do not use SCG Concrete Fabric to build or fix: roofs, decks, gutters and other structures that product is not specifically designed for.
- This product is not for consumption. Do not eat.
- Use of this product, or touching this product may cause an allergic reaction. Skin irritations, eye irritations, and breathing difficulties may occur. Follow code of conduct for your own safety.
- Lay product on strong and stable surfaces.
- Should not be used in areas for animals that are susceptible to infection.

Storage Recommendations

- Product is rolled into a cylindrical shape, it should be locked firmly in place to prevent product from falling.
- Do not stack pallets. 1 pallet should hold not more than 5 layers.
- Product should be stored in a covered, dry, well-ventilated area, and kept away from damp, humid areas.
- Be careful not to let product tear or be impaled to prevent damage to product and diffusion of concrete dust.
- Product should be used within 3 months from production date, and within 24 hours after opening product.
- Incorrect storage of product can render the condition of product to be unusable.

Safety Code of Conduct

- For use as agricultural reservoir, after initial installation water will be highly alkaline. Water should be changed until it is at a usable condition.
- Avoid direct contact with concrete fabric. Use of protective goggles, and waterproof clothing, shoes and gloves is advised.
- Avoid inhaling concrete fabric dust.
- If concrete fabric dust comes in contact with eyes or mouth, wash thoroughly with clean water and seek medical advice immediately.
- If concrete fabric dust comes in contact with skin, wash thoroughly with clean water. If irritations occur such as itching, rashes or burning sensation in area of contact with concrete dust, seek medical advice immediately.
- Clothing stained with concrete fabric dust should be washed thoroughly before reuse.
- Do not reuse packaging material as a container for food or drinks.
- Keep away from children.
- If planning to use concrete fabric for other purposes other than what is specified seek advice from engineers or a taskmaster.

For additional inquiries about use of product, material safety data sheets (MSDS), or other information, please contact SCG Trading Co., Ltd. +662-586-2222, www.scg-trading.com