



Unleashing Nature's Potential

Technical Data Sheet

| <i>Product code and Product</i> | |
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| PRODUCT NAME | EASY GROW DOOR MATTS® |
| PRODCOT CODE | COIR60090101 |

Product

Coir mats are made up of 100% natural fibres. These environmentally friendly, natural fibres are derived from the husk of the coconut. The natural properties of the **coir**, or coconut husk, make it ideal for **matting** as it is water-resistant, strong and durable.

In a world where we all want to be greener, coir matting is the ideal solution for environmentally friendly entrance matting. Coir is a natural, sustainable material that is biodegradable. While it is a biodegradable product, its strength and durability mean that it is a long-lasting material that serves many uses as well as being used for floors and entranceways.

Typically, coir matting is brown in colour. However, it can be dyed in a range of colours to suit all interior design style. Regardless of the colour, the attributes remain the same; tough, durable bristles that provide effective cleaning.

Product Advantages

- **Durability:** The robust, resistant nature of coir matting means it is ideal for high traffic areas. Coir matting can last for many years and still provide a great cleaning quality.
- **Natural:** Coir is an entirely natural product which makes it an eco-friendly solution. This also means it is biodegradable. However, the nature of coir means that will not happen for a very long time. The natural appearance is also ideal for those who want a traditional and authentic look.
- **Cost-effective:** Coir matting is competitively priced and relatively cheap to install. You can cut matting to the size you need using a Stanley knife, meaning you don't have to rely on specialist tools, machinery or providers to get the perfect-sized mats.
- **Versatile:** Coir matting can come in a range of colours as well as a natural finish. If you choose a natural finish, then direct sunlight may weather the mat, but this usually adds to the finish, giving it a timeless feel. The fact is it easy to cut means that coir matting is ideal for entranceways and door recesses of any size.
- **Prevents slips:** Coir matting is strong enough to scrape dirt and mud off shoes as well as removing water. This can help to avoid a slip hazard as well as limiting mess caused by dirty and wet shoes. Coir mats can then be cleaned when dry with a vacuum cleaner or simply shaking the dirt off outside.



Product Application

- There are several different types of coir available, and each has its own properties making it perfect for different uses.
- Red coir (although looks brown) is the most popular option for coir matting as it is a heavy-duty fibre. As well as entrance matting, red coir can also be found in floor tiles, mattresses and brushes.
- Brown coir, on the other hand, is softer than red coir and is used in upholstery for padding. White coir is also an option, which is derived from unripe coconuts. White coir is much softer than red coir and is often used for fishing nets and ropes.
- As well as making an excellent mat for entranceways, coir matting is even used to protect environments. Its protective nature can help to protect against degradation and erosion. Coir matting can help to stabilise soils and protect the land while vegetation takes root.
- At First Mats, however, we just focus on coir matting for homes and businesses. The mats are created using a needle felting technique to bind the fibres together, and then the fibres are moulded into shape and placed on PVC backing. We then offer mats or matting rolls that can be cut to suit a range of needs.

Product Usage

- Coir mats are made up of 100% natural fibres. These environmentally friendly, natural fibres are derived from the husk of the coconut. The husk is the water-resistant layer between the outer coating of the coconut and the hard shell inside.
- The fibres of coir are known for their strength and resilience, after all, they protect the coconut from a variety of conditions, and its waterproof property helps to keep the coconut flesh fresh even if it has floated for many days across the sea.
- The reason for the strength of the coir fibres is thanks to the tough, thick walls of the fibre made from insoluble cellulose. Coir fibres also have a high level of lignin which is a substance found in plants that makes the plant woody, brittle and rigid and reduces the chance of the plant rotting.
- The natural properties of the coir, or coconut husk, make it ideal for matting as it is water-resistant, strong and durable. Furthermore, the eco-friendly nature of the coir makes it the perfect choice for the environmentally conscious customer.

Storage and Disposal

- Conditions for safe storage, including any incompatibilities
- Technical measures: Comply with applicable regulations.
- Storage conditions: Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
- Incompatible materials: Strong acids, strong bases, strong oxidizers.

Disclaimer

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