



NATURAL COCO FLORMAT - VINYL BACKED ENTRANCE MATTING

This is a natural fibre mat that has a thick coir brush and a heavy-duty vinyl backing. It has excellent scrubbing and moisture absorption properties. It can also be cut to any shape and size to suit your requirements.

These mats come in natural colours but we can customize your mat with different colours and designs.



PS.Cafe at Raffles City



Raffles Hotel



Height 17mm

Height		Weight		Composition	
mm	Inch	gm/m ²	oz/ft ²	PVC	Coir
17	11/16	6900	22.61	57%	43%

Some possible applications

Domestic & Commercial: As door mats for your homes, offices, shops, etc. Available in different shapes, sizes, designs and colours. (Available in roll form for large areas)

Personal & Commercial: Create your own designs or messages on the mat as a gift or for retail.

Industrial and Commercial: For use as a 'use and throw' scrapper or wiper mat.
**Use and Throw* Oil/Gas industry, shipyards, workshops, ship board, beach resorts,
Low cost and highly effective Golf/country clubs, construction sites, etc



All about NATURALCOCO FLORMAT

Coir (also known as "Kokos" or "Coco") is a natural fiber extracted from the husk of Coconut fruit. The husk consists of Coir fiber and a corky tissue called pith. The husk is immersed in water for 6 - 9 months. This process is called retting. Retting removes some of the dirt and natural enzymes present in the fiber giving it a golden color. The fiber is then extracted by beating it manually using a mallet or by a mechanical extractor machine. This leaves the outer skin of the coconut fruit along with the corky pith. Pith finds large scale use in horticulture as a growing medium. The fiber thus extracted is then hand - spun to form the golden coir yarn. This yarn is used to make an ever-increasing range of products.

The advantages of coir fibers are.

- ☑ 100% natural
- ☑ Bio - degradable
- ☑ Made from infinitely replenishable resources
- ☑ Natural golden-brown color - fits any decor
- ☑ Hard and resilient fiber provides excellent scrubbing action - ideal for door / entrance mat applications
- ☑ High water retention
- ☑ Coir mattings and rugs: hard - wearing, rustic and elegant
- ☑ Moth and rot resistant
- ☑ Good insulator of heat and sound

Composition of Coir

Chemical and Physical Properties

Coir is a lignocellulosic material. It is bio - degradable. The physical and chemical properties of coir is given in the following tables

Physical Properties of Coir Fibre	
Ultimates	
Length in mm	0.6
Diameter / width in micron	16
Single Fibres	
Length in inches	6 - 8
Density (g/cc)	1.40
Tenacity(g/tex)	10.0
Breaking elongation %	30
Moisture regains at 65 % R. H (%)	10.5
Swelling in water (diameter)	5%

Chemical composition of Coir	
Water Solubles	5.25%
Pectin and related compounds	3.00%
Hemi - cellulose	0.25%
Lignin	45.84%
Cellulose	43.44%
Ash	2.22%

	100.00%
Because of the high lignin content, coir is more durable when compared to other natural fibres	