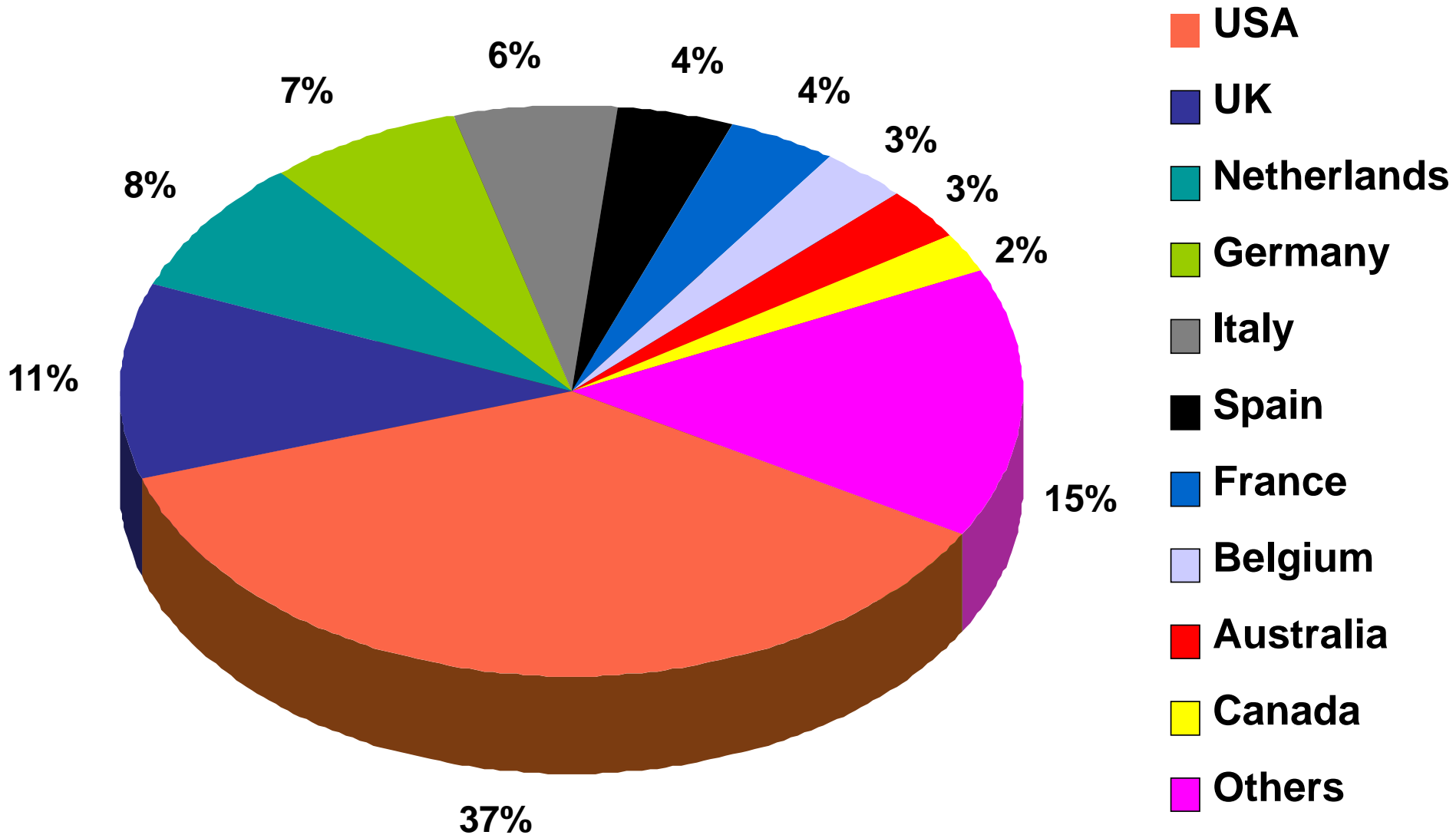




INDIAN COIR

Nature's Gift

GLOBAL EXPORT OF COIR & COIR PRODUCTS FROM INDIA 2018-2019





Coconut



Dehusking

Modern Fibre extraction





Coir Fibre



Coir Yarn



Coir Rope



Modern Dye House





4m. Semi Automatic Loom

4 m. Power Loom





Traditional wooden handloom



‘ANUGRAHA’ Mild steel handloom

Wide range of
products



Live-in-style

Hygiene

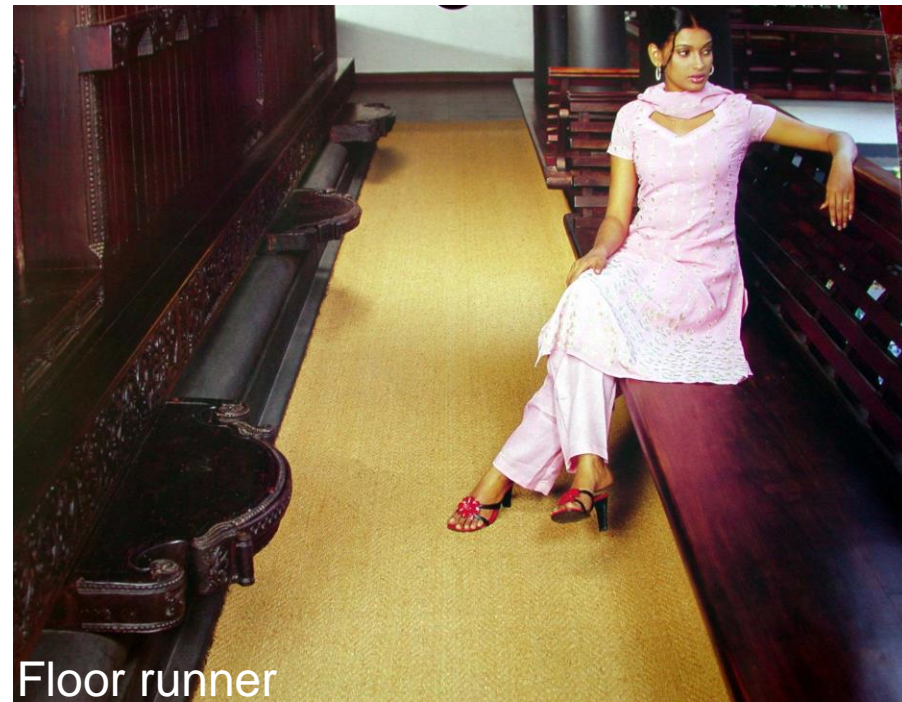
Products



Mourzouks



Area rugs



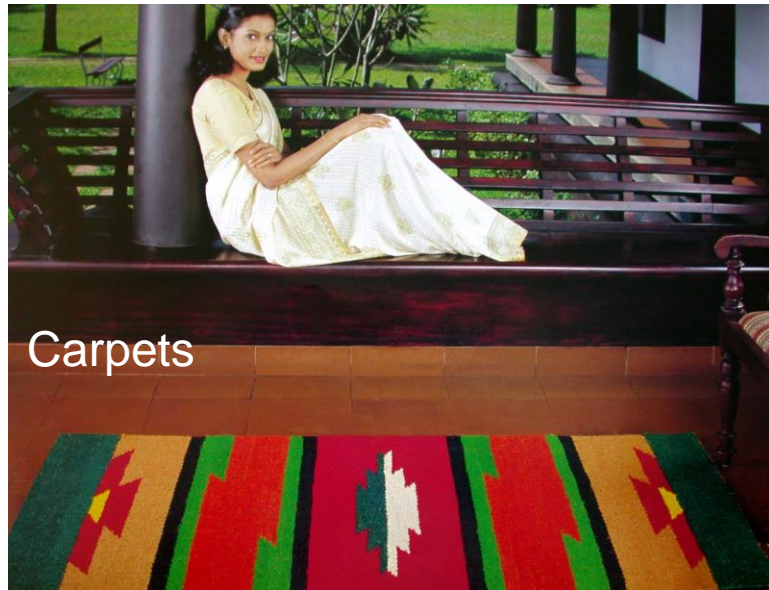
Floor runner



Matting



Rugs



Carpets

COIR MATS AND MATTING

Natural..Elegant..Eco-friendly...



Natural
Indian
Coir Fibre



COIR MATTING

- **HAND LOOM**
- **POWER LOOM**

HANDLOOM MATTING

DIFFERENT VARIETIES OF WEAVES



2 treadle plain weave



2 treadle basket weave

HANDLOOM MATTING

DIFFERENT VARIETIES OF WEAVES



3 treadle weave



4 treadle weave

HANDLOOM MATTING

DIFFERENT VARIETIES OF WEAVES



Ribbed / buckley weave



Multishaft matting

Powerloom matting



COIR DOOR MATS

- **FIBRE MATS**
- **CREEL MATS**
- **RUBBER MOULDED MAT**
- **PVC TUFTED MAT**
- **CARNATIC MAT**
- **ROPE MAT**
- **CORRIDOR MAT**
- **SINNET MAT**
- **ROD MAT**
- **MESH MAT**
- **LOOP MAT**
- **MATTING MAT**

FIBRE MAT



Fibre mats are manufactured by insertion of tufts of coir fibre in the base fabric in the course of the weaving process. Fibre mats have a very compact brush firmly held by the base fabric and therefore these mats are very much durable.

CREEL MAT



Creel mats are manufactured both on handlooms and powerlooms.

They are specially noted for their low pile height. These are available in solid shades, stripes, mottled, stenciled and also tile patterns. 2-chain creel mats and 3-chain creel mats are available in this category. 3-chain creel mats have a firmer structure than 2-chain creel mats.

RUBBER MOULDED MAT



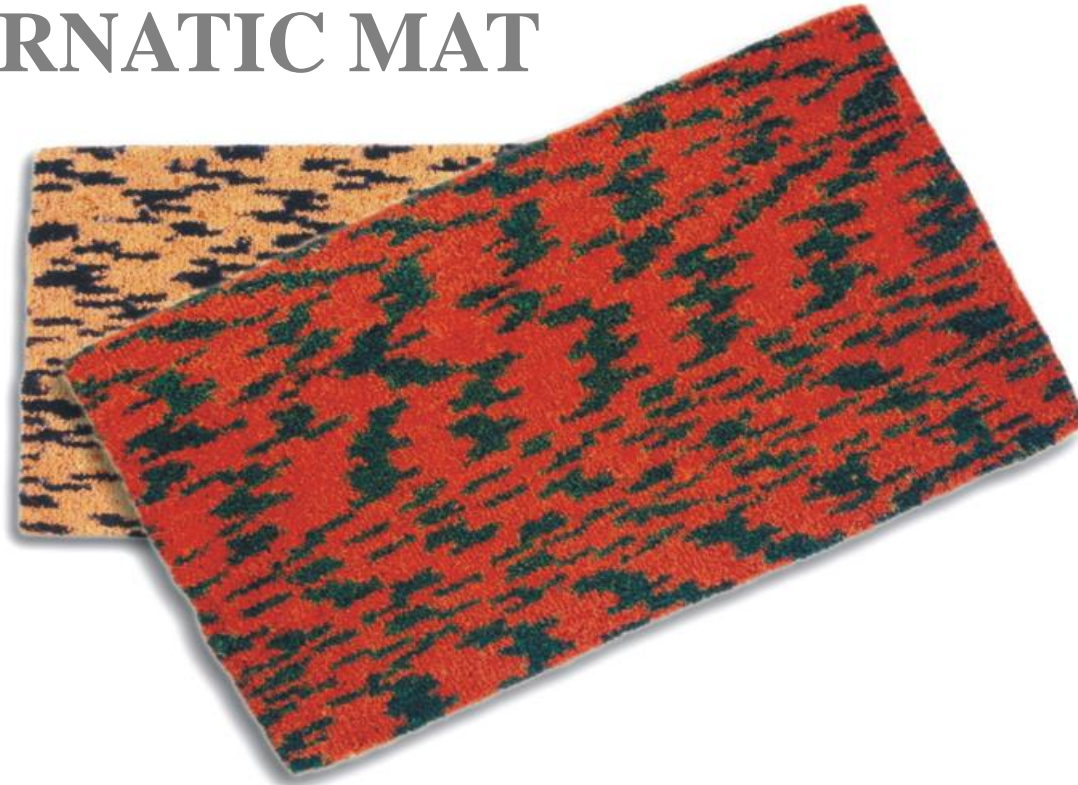
Coir mats formed by the bonding to the compounded rubber sheet base by vulcanising process. The brush portion of the mats are embedded over the rubber sheets and designs are produced on the surface of the mats. These mats are more durable than ordinary coir door mats. It is a wise and artistic combination of rubber and coir. Available in different size and shapes.

PVC TUFTED MAT



The brush pile of the mat is formed by tufting of coir yarn over PVC base using automatic device. Mats with varying brush pile can be produced and the mats can be cut into any shape, size and in rolls are used as wall to wall carpeting material. Available in any shapes, any design both flocking and stencil printed.

CARNATIC MAT



Carnatic mats are the special variety of creel mats having jute twine slack chains. These are comparatively light weight mats and smoother than other types of creel mats. The most common designs applied to Carnatic mats are bi-colour jaspe, bi-colour mottled and solid colored. Stencil printing can also be applied.

ROPE MAT



These are mats made out of coir rope with fancy patterns, produced on boards fixed with guide rods. Mats in the natural colour of the raw materials, solids shades and also with coir rope of multicoloured strands are available in this variety. Rope mat named “Lovers’ knots’ is the most popular variety.

CORRIDOR MAT



Corridor mats are manufactured on specially designed frames with the pattern effect being produced by the weft strands, having a ribbed effect on the surface. The mats are available in wide range of patterns and designs.

SINNET MAT



Sinnet mats or chain mats are made out of coir braids on specially designed wooden boards having guide rods to fix the braids in position. Braids are made out of hard twist coir yarn with 7, 9 or 11 strands of yarn in the braid. There are single chain and double chain mats.

ROD MAT



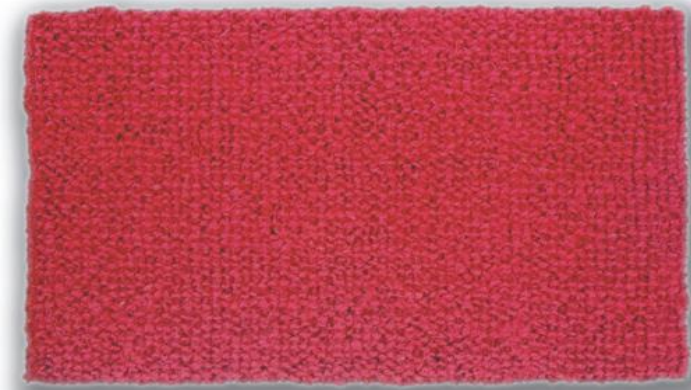
Rod mats are called brush mats as they have a brush pile of varying thickness. The mats are available in plain natural colour of the raw material and also with fancy designs printed on the mat by stenciling. There are also qualities under this head in which the designs are produced by insertion of tufts of coloured fibre in the course of weaving process to suit the theme of the design.

MESH MAT



This is also a brushless mat like corridor and sinnet mats, made on special frames. Comapratively cheap in cost but durable and craftful. Regular mesh effect achieved by a special knotting arrangement. Available in natural colour, solid shades and fancy designs.

LOOP MAT



The coir loops are formed on the base structure of the mats and it is an uncut pile mats. The loops on the mats are formed out of hard twisted variety yarn in order to withstand the brushing during the use. These mats are available in fancy solid colours, tiles and stripes.

COIR MATTING MAT



Coir matting is cut into the sizes of mats and the edges are finished with all around rubber edging or tucked-in edges. Latex backing or rubber sheet backing are also resorted in the manufacture of these mats to give a firm look for the product. These are mostly available in all fancy shades, woven patterns etc.

New Products

COIR BLENDED WITH OTHER NATURAL FIBRES

SUCH AS :

SISAL

BANANA

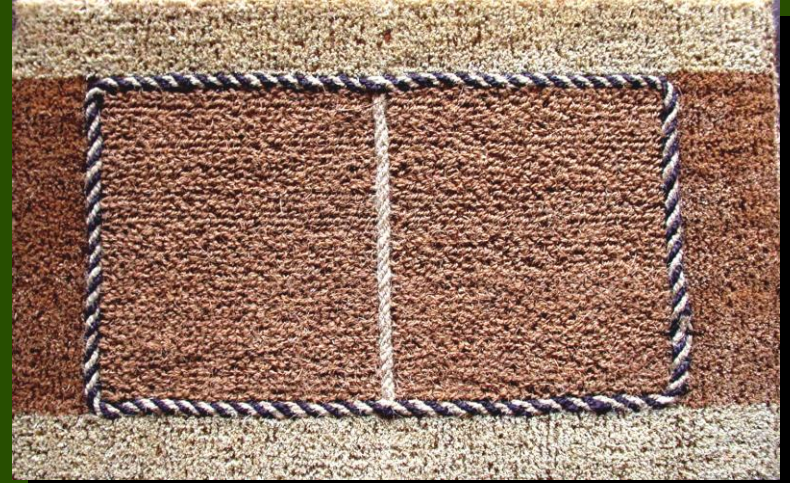
SCREWPINE &

JUTE

TO PRODUCE
LIGHT WEIGHT DOOR MATS,
CHICKNETS
HANDICRAFTS ETC



**DOOR MATS MADE OF COIR
BLENDED WITH
OTHER NATURAL FIBRES**



Chicknets made of blended coir yarn





CURCUMA



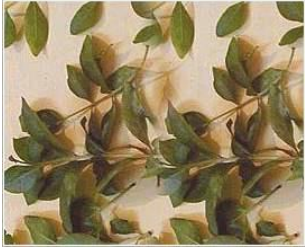
NUTMEG



COFFEE



MARYGOLD



HENNA



ONION

DEVELOPED NATURAL DYES FOR COLOURING COIR FROM

HENNA

NUTMEG

CINNAMON

CURCUMA

RED SANDAL

ONION

MARYGOLD

TEA

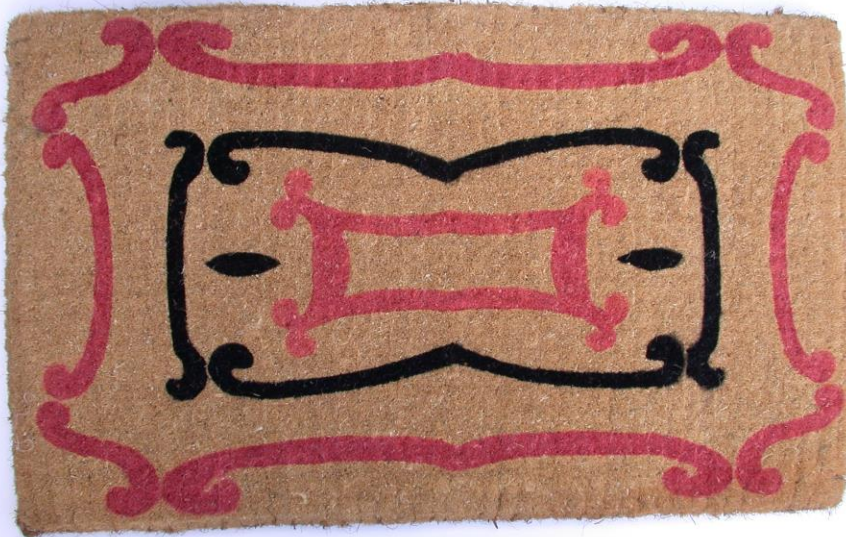
TURMERIC

TEAK

COIR PITH

etc.

STENCILLED COIR DOOR MATS USING NATURAL DYES

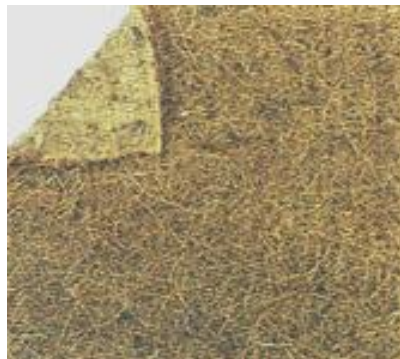
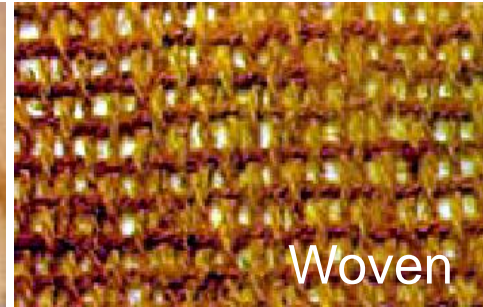
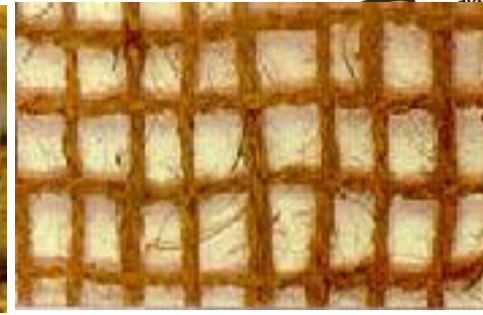


CORRIDOR MATS MADE OUT OF COIR YARN DYED WITH NATURAL DYE STUFFS.

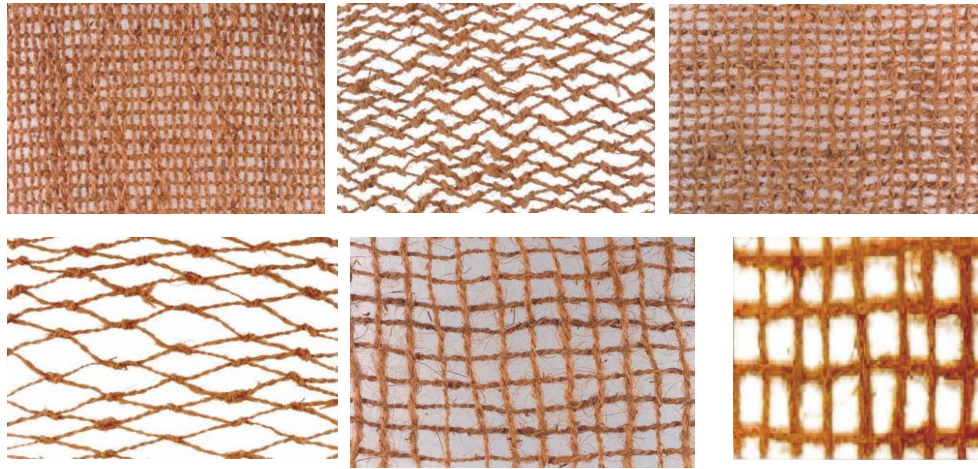


Coir Geotextiles

are mainly used in soil
Erosion control and soil
Bio engineering projects.

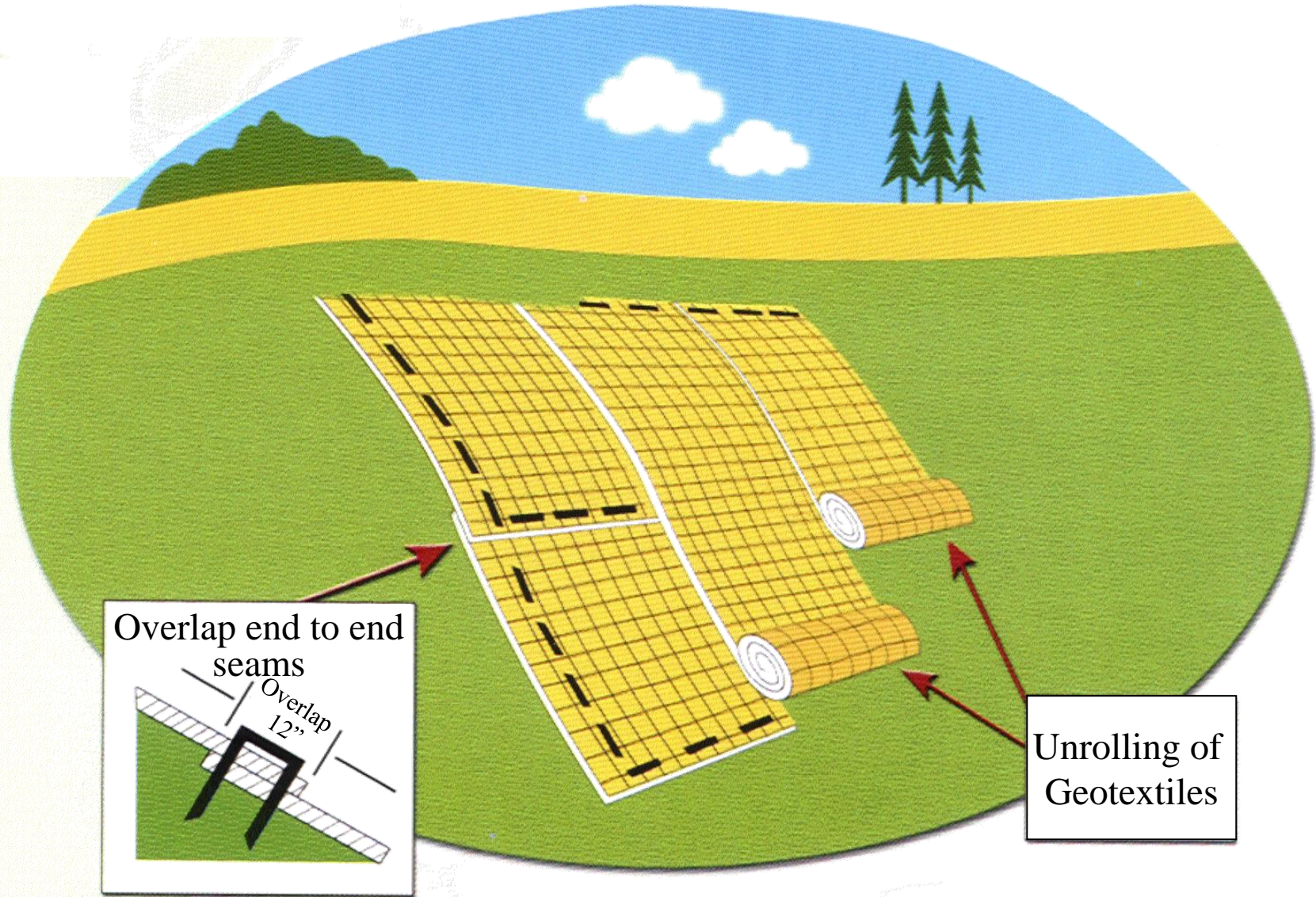


Coir Geotextiles, are basically classified into two categories ie; Woven and Non woven. Woven varieties are commonly made in handlooms.



QUALITY	TYPE OF WARP YARN	APPROX. SCORAGE OF WARP YARN	ENDS PER DM.	TYPE OF WEFT YARN	PICKS PER DM.	MASS KG/ M ²
MMA1 (H2M1)	ANJENGO	14	9	VYCOME	8	0.650
MMA2 (H2M4)	DO	12	19	ARATORY	11	1.400
MMA3 (H2M8)	DO	12	11	DO	7	0.700
MMA4 (H2M9)	DO	11	13	DO	7	0.900
MMV1 (H2M5)	VYCOME	13	9	VYCOME	8	0.740
MMV2 (H2M6)	DO	12	4.6	DO	4	0.400

Method of Laying Geotextiles





Laying and fixing of Coir Geotextiles

APPLICATIONS OF COIR GEOTEXTILES

**Road / Canal
embankment
protection,
Protection of
Railway cuttings,
Soil mulching,
Agricultural land
protection,
weed control etc.**



APPLICATION OF COIR GEOTEXTILES FOR RURAL ROAD PAVEMENT CONSTRUCTION



APPLICATION OF COIR GEOTEXTILES FOR REINFORCEMENT OF MUDWALLS IN PADDY FIELDS



COIR GEO-ROLLS



APPLICATION OF GEO-ROLLS



Instant Lawn *with*
Sod
using
Coir Bhoovastra
&
Coir pith organic
manure





Instant Lawn *with Sod*
using
Coir Bhoovastra
&
Coir pith organic manure

Coir Garden articles

such as coco pole, coco chips and molded coir baskets are widely used in gardening and nursery uses.



USE OF
COIR
GARDEN
ARTICLES
IN AGRI-
HORTI
CULTURAL
FIELDS



Pepper



Anthurium



Vanilla

COIR PITH

a soil conditioner and organic manure



Coir Pith Brick



Coir Pith compost





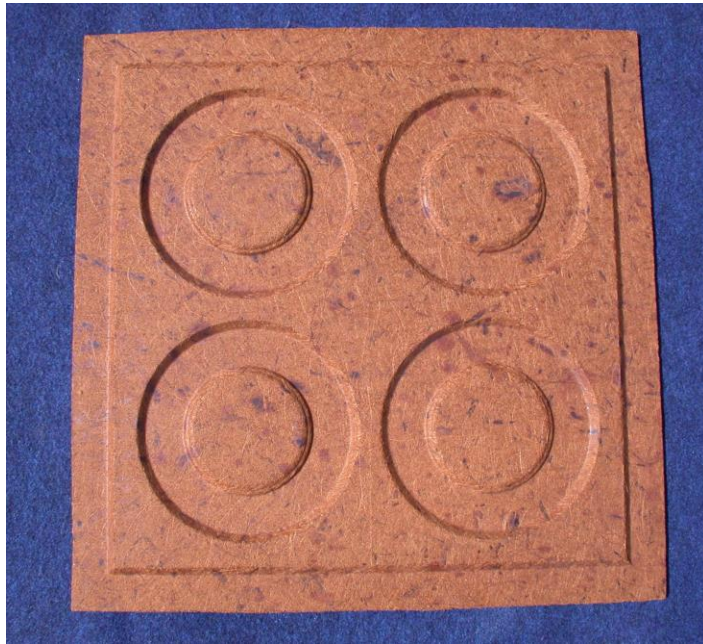
Rubberised Coir Mattress





Coir
Polymer
Composite
Board
a Wood substitute

DIVERSIFIED USES OF COIR POLYMER COMPOSITE BOARD



PARTITION PANEL



TRAY



ROOFING SHEET

Earthquake proof homes made from coir ply boards



Coir Composite Board for Packaging.



Circuit breaker secured inside
Coir Composite Board sheathed Crate.



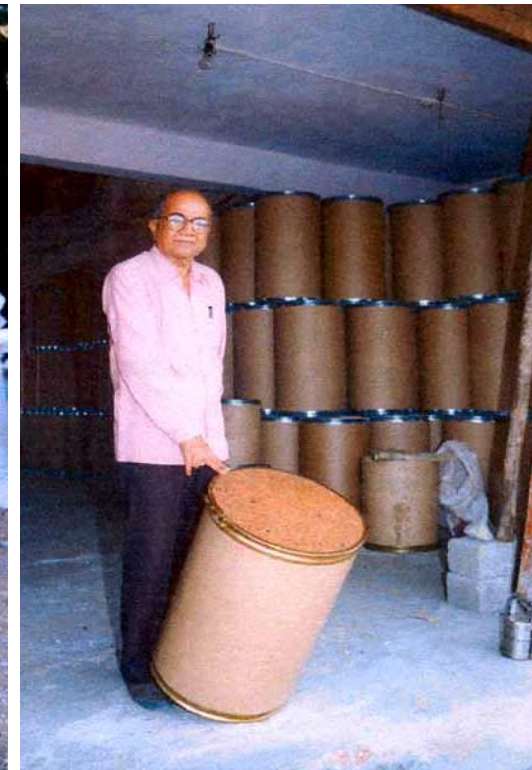
Totally closed Coir Composite Board
sheathed Crate for the Circuit breaker

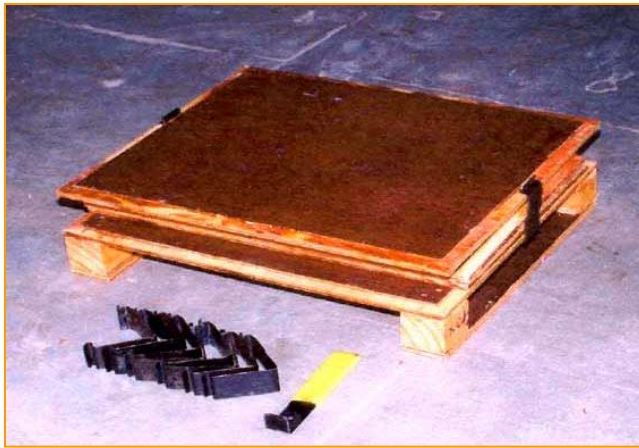


Circular cutting
of lids for fibre drums

Fibre drums with
CCB lids (8mm. thick)

Coir Composite Board lids for Fibre drums *(replacement of plywood)*

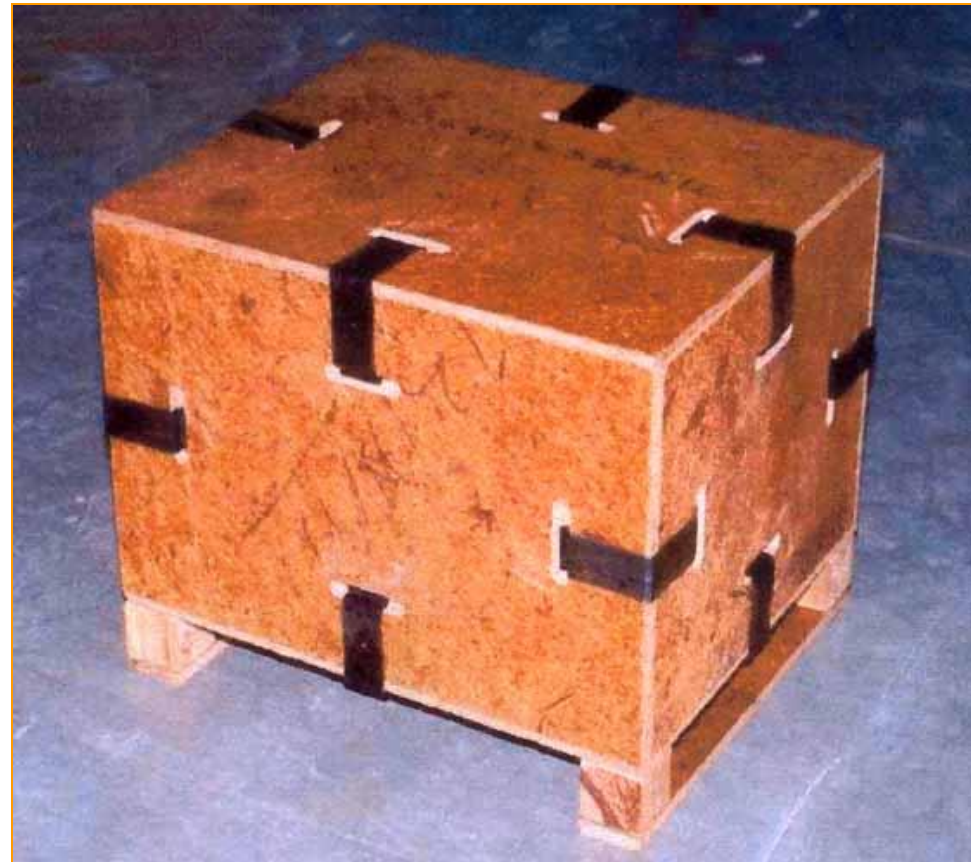




Existing
plywood
Collapsible
box



Coir Composite Board
For making
Collapsible boxes
(replacement of plywood)



CCB
Collapsible box



Handicraft items made of Coir



COIR

..is Green Business

Environmentally responsible
& Sustainable...