

New Concept

Kusha Weaves

Rayush naturals



www.rayushnaturals.com



RAYUSH

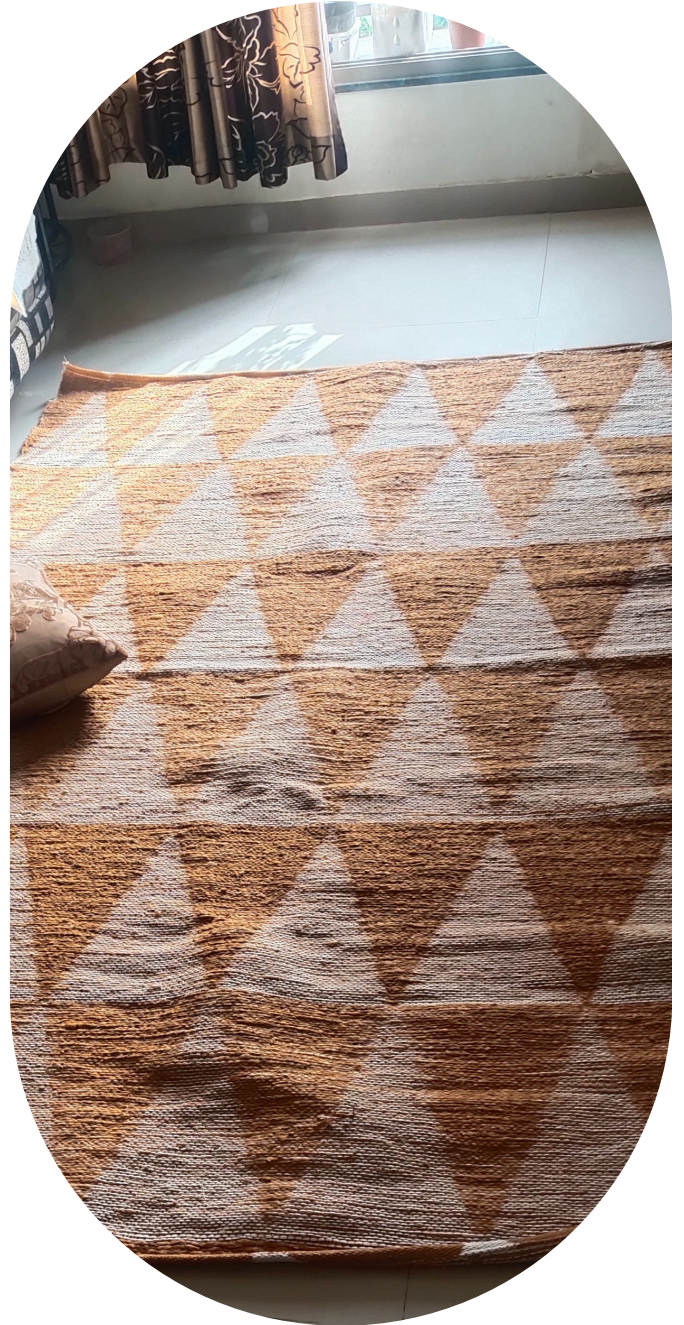
Table of Contents

- 01 About Kushaweaves
- 02 How It's Made Impact
- 03 Natural Luxury
- 04 Research and Validationsn
- 05 Uses and Application
- 06 Installation directions
- 07 Kit Details
- 08 Designs and colors



KushaWeaves

“KushaWeaves”: eco-friendly, cool, fragrant sustainable home textiles infused with aromatic crops like Vetiver and others. These unique products not only add a touch of elegance to your home but also repel mosquitoes and insects naturally. Experience the perfect blend of functionality and sustainability with our range of Blinds, Curtains, wall art, and other handloom items. Go green while keeping your home bug-free. This is natural without any harmful effect on the environment and users, it cools without electricity, is affordable, Beautiful to match the home decor, and is customizable in any size with user-friendly attributes and maintenance



How It's Made

Kusha weaves are natural fiber curtains/ Blinds that is made from the fibers of the vetiver plant and other aromatic crops, also known as khus. Khus Blinds were traditionally used in 19th century for cooling. They are different from other curtains/ Blinds due to their natural cooling and freshening properties. The natural scent of the vetiver provide a cooling and refreshing effect in hot, humid climates, and the breathable weave of the fabric allows for air circulation, which can help to regulate temperature and improve air quality in a room. Additionally, the natural aesthetic of the vetiver fibers add a unique, natural touch to a room's décor although the effectiveness of these cooling properties can vary depending on factors such as room size, airflow, and the climate. It's effectivity is observed against mosquitoes and insects by users and also mentioned in many studies and researches on vetiver grass, see Ref.



Impact

While manufacturing these curtains, we are providing employment to 2 weavers and 10 laborers per month for making 620 mtrs, Simultaneously motivating farmers to cultivate vetiver and other aromatic crops as it provides double income for waste and aromatic oils, Vetiver itself improves the quality of soil and helps in stopping soil erosion and water conservation too. We are introducing the world to a new technology for creating cool, aromatic fiber to weave beautiful curtains. We have employed Women led self-help groups like tribal and backward communities for fiber making





Bringing Life to Interiors with Nature

Ordinary blinds and curtains that do nothing more than block out sunlight, that not only lack eco-friendliness but also fail to keep mosquitoes and insects at bay. Our eco-friendly, cool, and fragrant blinds and curtains are made from aromatic crops. Not only do they add a touch of elegance to your home, but they also have the added benefit of repelling mosquitoes and insects. Our sustainable home textiles are not only visually appealing but also long-lasting, with the fragrance staying for years. Experience the perfect blend of functionality and beauty with our unique range of handicraft and handloom items.

www.rayushnaturals.com

Backed By Research

1. A study conducted in Thailand found that vetiver oil had mosquito-repellent properties and provided protection for up to 4 hours against Anopheles mosquitoes.
2. Another study conducted in India found that vetiver oil was effective in repelling mosquitoes, including Anopheles mosquitoes.
3. A study conducted in Senegal found that vetiver oil was effective in repelling Anopheles mosquitoes and could be used as a natural alternative to chemical pesticides.



1. A study conducted in Rajasthan, India found that the temperature was reduced by up to 8 degrees Celsius in the area covered by Vetiver curtains compared to the surrounding areas.

2. A study conducted in Vietnam found that the temperature was reduced by up to 3 degrees Celsius in the area covered by Vetiver curtains compared to the control area.

3. Another study conducted in India found that the temperature was reduced by up to 10 degrees Celsius in the area covered by Vetiver curtains compared to the control area.



Overall, these studies suggest that Kusha Weaves can be an effective means of reducing temperature in areas with high ambient temperatures and low humidity. However, the extent of the temperature reduction can vary depending on factors such as ambient temperature, humidity, wind speed, and the density of the aromatic crops.

Traditional Cooling & Stress Relieving Aroma

Natural materials have become a popular element in interior design in recent years. Here are some links to research papers and studies that have investigated the effectiveness of vetiver curtains in reducing temperature:

1. "Effect of Vetiver Grass Root (*Vetiveria zizanioides*) Curtain on Indoor Environment" by Singh et al. (2019) -

https://www.researchgate.net/publication/337679456_Effect_of_Vetiver_Grass_Root_Vetiveria_zizanioides_Curtain_on_Indoor_Environment

2. "Effectiveness of Vetiver Grass Curtains in Reducing Indoor Air Temperature in a Hot and Humid Climate" by Kumar et al. (2017) -

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5649182/>

3. "Experimental study of temperature reduction using *Vetiveria zizanioides* (vetiver) grass curtains" by Pham et al. (2015) -

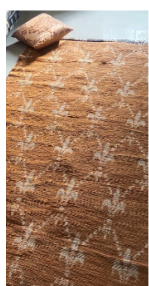
<https://www.sciencedirect.com/science/article/pii/S2090447915000555>

These studies provide insights into the effectiveness of vetiver curtains in reducing temperature



Uses and Applications

- Wall coverings
- Window coverings
- Ceiling cover
- Outdoor Sheds
- Home Decor items
- Wall Art
- Floor covers
- Room Partitions



Directions to use



INSTALLATION

1. Roll up or Roman blinds can be installed easily with provided DIY Kit , though if you have access to installation agency, it can be installed in rollup or roman blind panels easily, these are also smart automation compatible.
2. It Can be installed inside or outside the window , Outdoor blinds also available for outdoor uses at patio or outdoor sitting ares



COOLING & AROMA

1. For Natural cooling sprinkle some water using a spray bottle
2. The aroma stays long naturally but, is at its best when it is wet
3. to be installed indoors or outside the window for natural cooling
4. This wonderful aroma creates a stressfree environment

SMOKE CONTROL

1. To stop smoke from entering the house install the curtains outside the window and wet it fully , now relax and open the window, no smoke will enter the house



WASHING

1. Do not machine wash,
2. Wash gently with normal water while hanging
3. Dusting and



Roll Up | Pull Cord

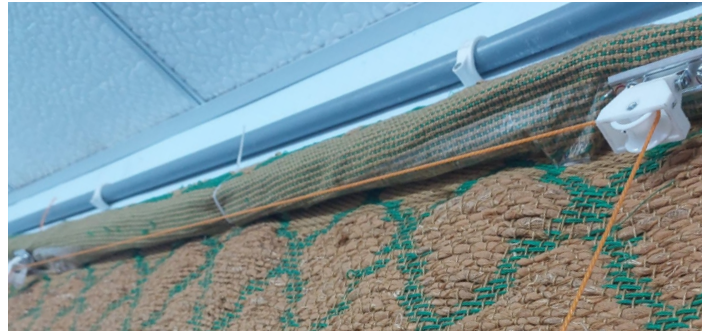
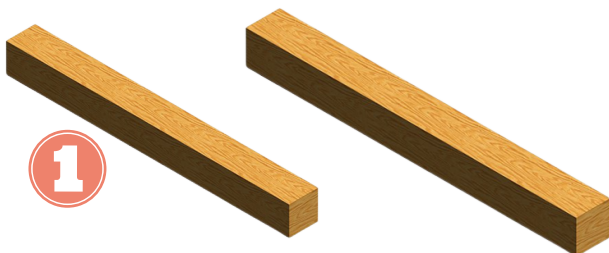
INSTALLATION DIRECTIONS

DIY KIT

includes:

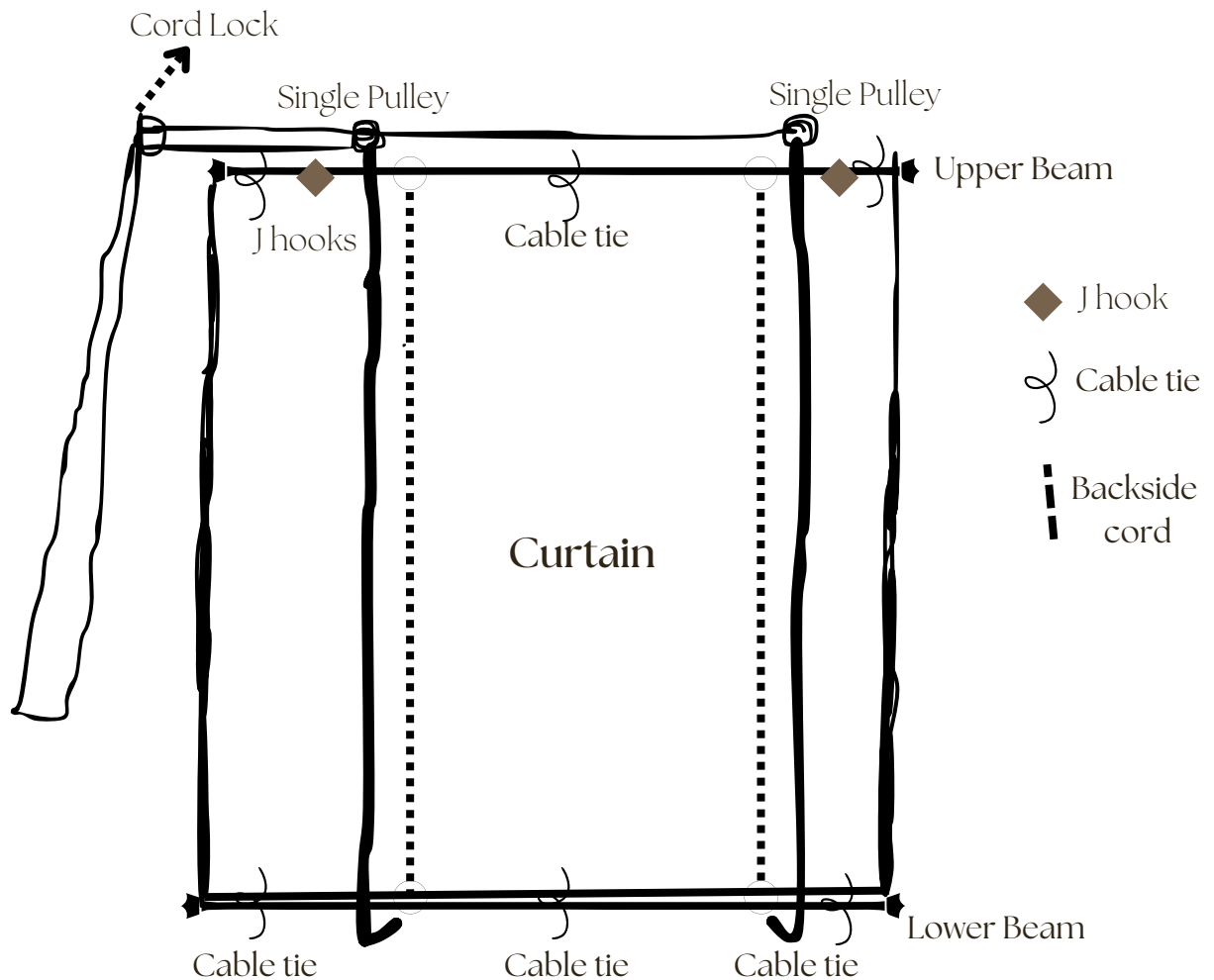
- 12 Meter 1.8 mm nylon cord fig. 7
- 5 Cable Ties Fig.2
- 2 Pulleys Fig. 3
- 1 cord lock Fig. 4
- 6 screws 1.5 inches for pulley fittings Figure 6
- 2 J hooks for curtain fitting
- 3-inch screws for curtain wall fitting

Note:- 2 Wooden Beams of length 50 inches and width * height of 1*1 inches Fig. 1 are needed for installation and are not included in the kit



Roll Up | Pull Cord

INSTALLATION DIRECTIONS



1. TIE ONE END OF THE TENSION CORD TO THE BACK OF LEFT PULLEY (A)
2. RUN THE CORD BEHIND THE SHADE AND BACK UP THROUGH LEFT PULLEY (A)
3. THREAD THE CORD ACROSS THE SHADE THROUGH RIGHT PULLEY (B) AND THEN THROUGH THIRD PULLEY (C)
4. CREATE A LOOP IN THE TENSION CORD AND THREAD THE END BACK THROUGH THIRD PULLEY (C) AND THEN THROUGH RIGHT PULLEY (B)
5. RUN THE END OF THE CORD IN FRONT OF THE SHADE AND THEN BACK UP BEHIND THE SHADE
6. TIE THE END OF THE CORD TO THE BACK OF RIGHT PULLEY (B)

Visit our your tube channel
@rayushnaturals for installation videos

www.rayushnaturals.com

+1-919-525-6850

+91-7999853568



**Natural
Fragrant Fabric**



**Long Lasting
stress relieving
natural oil aroma**



**Made from Ancient
Aromatic crops**



**Natural Temp*
control**



**Smart Automation
compatible**



**Child and
Environment safe**



Royal Quality



KushaWeaves

"Fresh Ideas in Home Furnishings"



RAYUSH

www.rayushnaturals.com

+1-919-525-6850 ■ +91-7999853568