

**RieFa<sup>®</sup> - greening system category: „Natur“**

**Type: RieFa<sup>®</sup> eco - special**



**Verwaltung:**

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RieFa<sup>®</sup>-nature  
**Open coconut fiber facing upwards**

**Product Data Sheet**

	scale unit	
<b>type</b>		<b>RieFa<sup>®</sup>-greening board - 3 layers</b>
<b>length</b>	mm	<b>1.200,00</b>
<b>width</b>	mm	<b>1.000,00</b>
<b>height / thickness</b>	mm	<b>42,00 bis 47,00</b>
<b>weight (dry)</b>	kg / m <sup>2</sup>	<b>6,90</b>
<b>weight after 10 minutes water retention</b>	kg / m <sup>2</sup>	<b>17,00 kg</b>
<b>weight after 24 hours water retention</b>	kg / m <sup>2</sup>	<b>25,00 kg</b>

## **Benefits of RieFa® - greening system:**

- Everything is ready to go
- Very lightweight
- Extremely high water storage capacity
- Highly water saving while using in arid und semi-arid climate zones
- Very fast, easy and affordable handling
- No need of heavy bulky materials while working on a roof
- Excellent plant growth
- Excellent insulating properties (hot and cold)
- Works very well in combination with photovoltaic system (cooling your roof)

It doesn't matter if you want to use it as an intensive or extensive greening method, but before laying down any tiling the roof needs to be prepared with waterproof and root-proof bituminous sheeting or roof foil.

Although the very first layer needs to be a filter-fleece which is the most affordable if you buy it locally.

Afterwards you can lay down the RieFa® tiling (coconut fibers facing upwards and towards the plants) to then apply your desired plants on top of it.

If you want to build a very sturdy walkable green area (e.g.: using rolled sod) for premium...

...balconies or decks (for private use or hotels e.g.: resting- and barbecue areas)

...roof- and sun decks

...green resting areas in shopping centers etc.

We would recommend to lay down an under-root irrigation system called „Schwitzschlauch“ below the RieFa®-system leaving a gap of approx. 12-15cm.

### **Packaging unit and dimensions per disposable pallet:**

Length: 120 cm

Width: 100 cm

Height: 110 cm (incl. packaging)

Weight per pallet incl. packaging: 170-185 kg

Quantity per unit: 20 pieces = 24m<sup>2</sup>

If you have any further questions, please let us know.

Inspired by nature, designed for mankind.

## **Your Fornatec Team**