

## 6. Awning Coating

PVC:	<ul style="list-style-type: none"><li>- Danger due to outgassing plasticisers (eg phthalates)</li><li>- breaks in the cold (also applies to acrylic)</li><li>- low adhesion to the fabric</li></ul>
SI (silicone coating):	<ul style="list-style-type: none"><li>- very high quality coating - because of the cost involved often only gets a 'cosmetic layer' (insufficient layer thickness)!</li></ul>
PU (polyurethane):	<ul style="list-style-type: none"><li>+ non-toxic, durable and reliable</li><li>+ very specialised coating</li></ul>
Aluminium:	<ul style="list-style-type: none"><li>+ increases the waterproofness of the fabric and gives it the additional thermal properties of acting like a solar fly</li></ul>

## 7. The window canopies

without:	with:
<ul style="list-style-type: none"><li>- can not be ventilated in the rain, which almost inevitably leads to condensation inside the tent</li></ul>	<ul style="list-style-type: none"><li>+ even in the rain, these windows are easy to use</li><li>+ Shading of the window surfaces</li><li>+ at cool temperatures the uncovered canopies work as additional heat protection</li></ul>

## 8. The Frame

<ul style="list-style-type: none"><li>- straight (formation of "puddles")</li><li>- Diameter 16mm</li></ul>	<ul style="list-style-type: none"><li>+ arched (formation of "puddles" almost impossible)</li><li>+ Diameter 25mm</li></ul>
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## 9. The Skylights

without:	with:
<ul style="list-style-type: none"><li>- no ventilation at the spot where the warm and damp Air rises to leads to condensation</li></ul>	<ul style="list-style-type: none"><li>+ ventilation at the spot where the warm and damp Air rises -&gt; condensation almost impossible</li></ul>

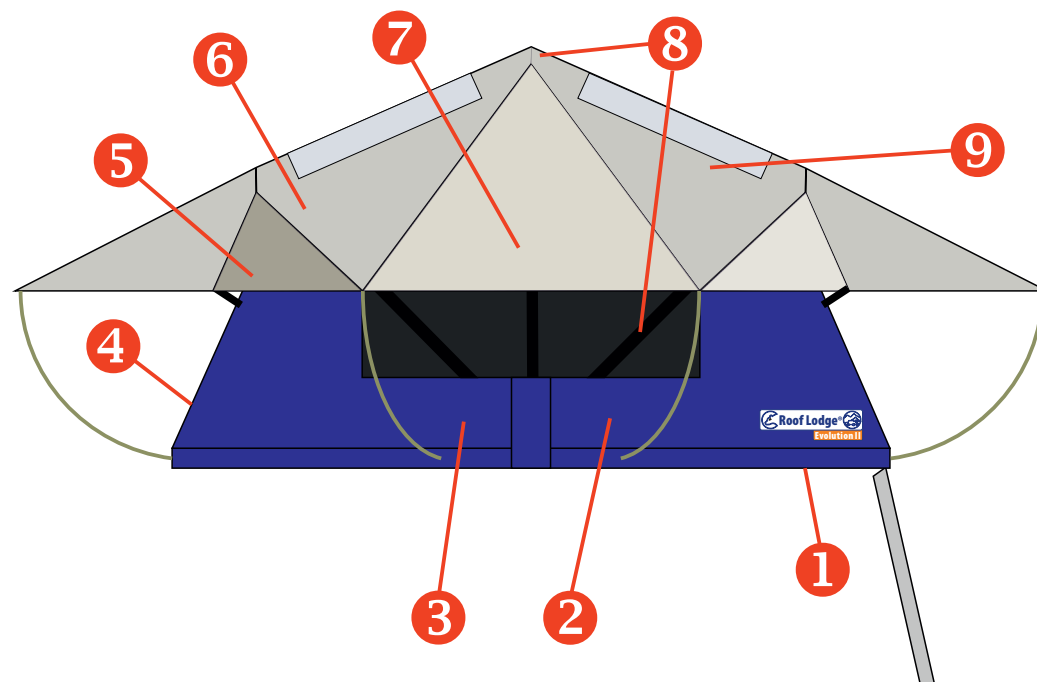


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Some of these listed benefits are also found in other tents, but only all them together in

**Roof Lodge Evolution II**

# 9 THINGS THAT YOU SHOULD CONSIDER WHEN BUYING A ROOF TENT



# THE ROOF TENT CHECKLIST

## 1. Tent floor / base

Aluminium-Sandwich:	<ul style="list-style-type: none"><li>- Condensation between floor and mattress</li><li>- only load-bearing along the narrow integrated alu-profile</li><li>- typical "hail damage effect" after a period of use</li><li>- mostly made in China</li></ul>
Plywood:	<ul style="list-style-type: none"><li>- Condensation between floor and mattress</li><li>- Material thickness of the plywood boards 0.7 to 1.0cm</li><li>- since mostly from non-European production, these can also have been manufactured using wood preservatives with toxins not authorized in Europe</li><li>- depending on the country of origin overseas transport is only possible in fumigated containers</li><li>- Often from African manufacturers</li></ul>
Aluminium Honeycomb:	<ul style="list-style-type: none"><li>- Condensation between floor and mattress</li><li>- because of the high amount of energy needed to make it, this floor is not very ecologically sound</li></ul>
PP-Honeycomb:	<ul style="list-style-type: none"><li>+ very light and robust</li><li>+ due to low thermal conductivity (high insulation effect) no tendency to condensation</li><li>+ can be recycled</li><li>+ pollutant-free</li></ul>

## 2. Tent Fabric

Cotton Canvas:	<ul style="list-style-type: none"><li>- very heavy</li><li>- are often treated with a chemical cocktail to protect the material from rot and fungal attack. Often substances are used which are not available in the EU/GB and do not have approval!</li><li>- There are questions hanging over the harm they may cause to health!</li><li>- Often found from African manufacturers, as no such treatment is needed for the African climatic conditions</li></ul>
Nylon (Polyamid):	<ul style="list-style-type: none"><li>- can stretch when wet and this is partially irreversible</li></ul>
Polyester:	<ul style="list-style-type: none"><li>- prone to loud flapping noises</li></ul>
Mixed Fabric:	<ul style="list-style-type: none"><li>+ The composition of the blended yarns and the weave determine the properties of the fabric. They are among the fabrics used in the models of the roof tent series Evolution II perfectly matched to the demands made on such tents (see a coating).</li></ul>

## 3. Tent fabric coating

PVC:	<ul style="list-style-type: none"><li>- Danger due to leaching out of plasticisers such as phthalates - off-gassing.</li><li>- becomes brittle in the cold (also applies to acrylic)</li><li>- low adhesion to the fabric</li></ul>
SI (silicone coating):	<ul style="list-style-type: none"><li>- very high quality coating - often because of the cost involved it will only get a 'cosmetic layer' which is not thick enough</li></ul>
PU (Polyurethane):	<ul style="list-style-type: none"><li>+ non-toxic, durable and reliable</li></ul>

## 4. The Mattress

split mattress:	<ul style="list-style-type: none"><li>- no room for bedding in the tent</li><li>- make sure to 'Mind the Gap'</li><li>- Cover not removable</li></ul>	One Piece Mattress as in Rooflodge: <ul style="list-style-type: none"><li>+ Bedding can remain in the tent even when going from place to place</li><li>+ Mattresses available in standard and firm and made by Saarschaum, Germany</li><li>+ removable and washable cover</li></ul>
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## 5. The Awning

no awning:	<ul style="list-style-type: none"><li>- immediate increase in the inside temperature when in sunlight</li><li>- Rain falls directly on the tent skin, which means more noise</li></ul>	with awning as in the RoofLodge: <ul style="list-style-type: none"><li>+ The awning is designed so it is kept at a distance from the tent-skin, a so-called "safari roof", which makes for pleasant temperatures inside the tent even in direct sunlight.</li><li>+ much quieter in the rain</li></ul>
Material (see also point 2 - tent skin):		
Cotton fabric:	<ul style="list-style-type: none"><li>- very heavy</li><li>- often contaminated with harmful substances such as fungicides and perfluorinated surfactants</li></ul>	
Nylon (polyamide):	<ul style="list-style-type: none"><li>- partly irreversible wet stretch of the fabric</li></ul>	
Polyester:	<ul style="list-style-type: none"><li>- very loud (fluttering noise)</li></ul>	
Blended fabric:	<ul style="list-style-type: none"><li>+ Flutter noise almost eliminated</li><li>+ only minimal wet stretch which is reversible</li></ul>	