



Mold in the tent??

Camping Roland, a super fun, child-friendly four-and-a-half-star campsite in beautiful Limburg. The plan: 'We're going camping in a safari tent!' You can bet it's fun for the kids (and especially the adults too); these are spacious tents equipped with absolutely every convenience a true safari hero could wish for...

We received a call 1.5 years ago from a concerned Luuk, the C.E.O. of the popular campsite and also the proud owner of a number of these fully equipped tents for larger groups, which were then less than three years old. There was mold in the cloth in the ridges and you not only saw it, you smelled it too! Mold doesn't just eat your tent canvas; it stinks in the wind for an hour and it is also a threat to public health. Could we do something about it? We were able to do that and... *it was a piece of cake!*

We stopped by with a small handheld sprayer and a bottle of coating. We borrowed a ladder and applied a cloud of 100% natural, transparent, water-based coating to the ridges. Next, we installed a UVA LED light in every tent we treated; this light is not even visible to the naked eye during the day and activates photocatalysis in the interior spaces. Such a light costs about ten euros to purchase, has a minimum of 50,000 burning hours, and more than meets the needs if you leave it on for 6 hours a day. (So it lasts a good 23 years in the tent...) On this basis, the monthly energy cost is a maximum of € 0.15 in the Dutch situation.

During the winter period, Luuk first left the lights on 24 hours a day for a few days to really tackle the mold. In the spring, we received a jubilant phone call from him: '*All the mold gone!!*' (residue, like a bit of leftover powder, removed from the canvas with a vacuum cleaner) and the foul smell was completely gone too. The photocatalysis created between the coating from this single treatment and the UVA from the LED light will continue to work for years and keep the tents in absolute top condition!

Check the **Knowledge Base** on this website for the spectacular effects of photocatalysis—stimulated by the interaction between the coating and artificial UVA light—on black mold in the test reports from the accredited lab. (99.98% of the mold had already disappeared within 120 hours! (so 100% after 121 hours))

