



## UV passing Acrylic-panel

In most vivariums a glass plate separates the lamps and the vivarium itself.

Ultra violet light cannot pass through glass, so it is necessary to replace the glass plate with a material that allows ultra violet light to pass. We have found a transparent material, which is up to this task. Our UV-plates let pass 99% of the ultra violet light and is heat-resistant for the heat generated by the lamps.

### **UV light**

In their natural habitat frogs and lizards, spend time in the sun. Research has shown that the ultra violet spectrum of sunlight is of utmost importance for animals to produce their own vitamins (vit A-D). Among other things, these vitamins contribute to a good calcium balance. Calcium is important for bone structure and the functioning of nerves. Too little calcium causes calcium deficiency symptoms like leg failure (rachitis) or even epileptic seizures after sudden panic reactions.

The good news is that we have found a lamp that specifically emits ultra violet light in low and steady amounts, preventing over-exposure to harmful doses of ultra violet light.