

# Reduce the UV load to your skin by up to 99 %

In recent years, UV radiation has considerably increased. What many of us ignore: we are also exposed to UV radiation in the shade. Choosing a Sattler awning fabric means opting for safe UV protection. For example, the skin of a person rated UV type I (red or blond hair, blue eyes and a very fair complexion) has an intrinsic protection time of approximately five to ten minutes. This person risks a dangerous sunburn in the case of unprotected exposure to full solar radiation. Already with a UV index of 40 around 97.5 % of the radiation is reflected and absorbed.

With protection by a textile material with an index of UV 80, this person may stay up to eighty times longer in the sun without getting sunburnt, i.e. up to 6.5 to approximately 13 hours (from 80 x 5 min. = 400 min. to up to 80 x 10 min. = 800 min.).

The indicated UV protection factor is guaranteed by certification according to the worldwide strictest measuring procedure:

- » Simulation of the real situation under extreme weather conditions such as e.g. the solar radiation intensity of Australia.



UV protection by comparison	UV Index
Light cotton clothing (acc. to UV Standard 801)	approx.. 2-10
Densely woven cotton clothing (acc. to UV standard 801)	approx. 20
Sunblocker correctly applied (LSF)	0-30
Shade under a tree	approx. 5-15
Shade under a sunshade (without special UV protection)	approx. 2-15
Sattler sun protection fabrics	40 - 80

Source: Institut Hohenstein



# UV PROTECTION

Skin protection guarantee