

Natural Mineral Sunscreen vs. Conventional Synthetic Sunscreens – so what's the difference?

What distinguishes...	...mineral based sun protection & natural sun filter in the Lavera products from...	...synthetic sun protection & chemical sun filters
Ingredients	Natural filters such as Titanium Dioxide & Zinc Oxide	Chemical & synthetic factors such as oxybenzone, octyl methoxycinnamates, phenyl benzimidazoles
Working-time	Effective protection immediately after application	The sun filter requires approx 30 min to develop its effectiveness. The molecules then absorb the sun's rays. If the molecules are saturated, they disintegrate. Therefore a re-application is necessary.
Influence on the hormone system	No influence	Hormonal effects have been discovered that may influence growth (Source: M.Schlumpf, W.Lichtensteiger, H.Frei (Hrsg) (2003)
UV rays	UVA+B rays are reflected as result of the mineral based SPF	UVA-and B-rays are absorbed and the rays are transformed into warm energy. The skin is double burdened with heat.
Waterproof level	Waterproof	Partly waterproof