

## ZINC OXIDE

Zinc Oxide's ability to protect in the long UV range is much higher than titanium dioxide used in most sunscreens!

### What is the comparative difference?

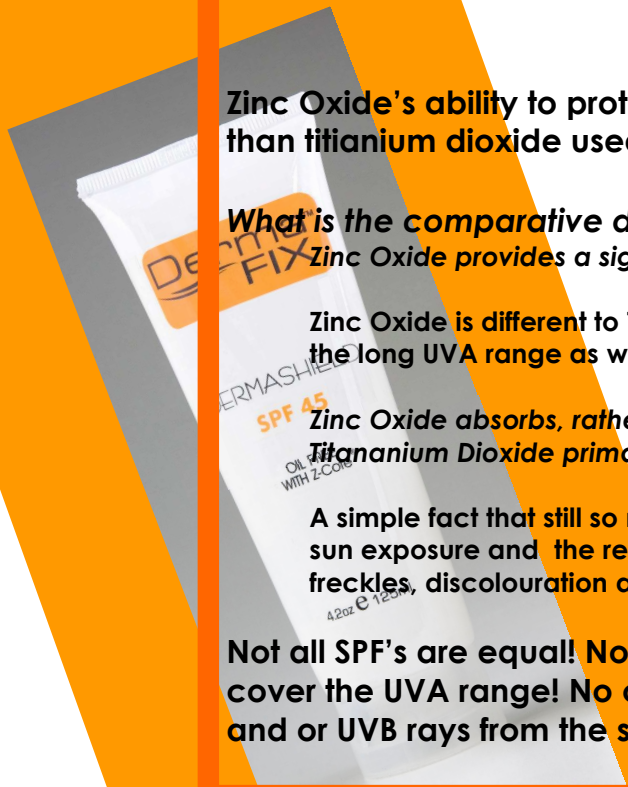
Zinc Oxide provides a significantly improved suncreening capability.

Zinc Oxide is different to Titanium Dioxide because of its ability to protect in the long UVA range as well in the short ranges

Zinc Oxide absorbs, rather than scatters most UVA, while Titanium Dioxide primarily scatters these wavelengths.

A simple fact that still so many do not grasp is the serious link between UVA sun exposure and the resultant photodamage, ageing, cancer, freckles, discolouration and hyper pigmentation!

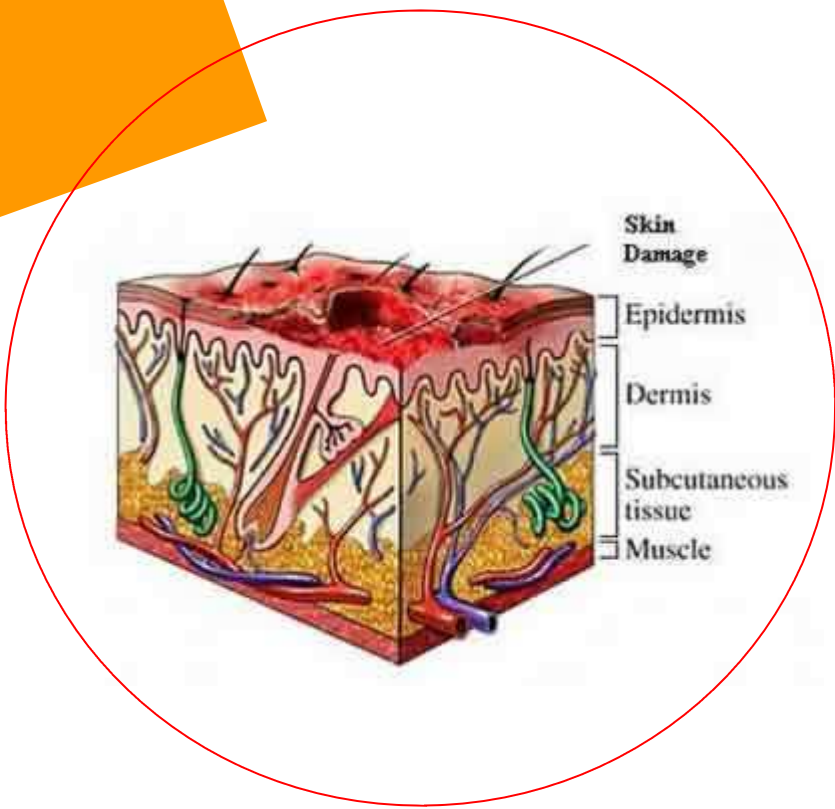
**Not all SPF's are equal! No point in having SPF 100 which does not cover the UVA range! No organic filter completely blocks the UVA and or UVB rays from the skin.**



The chart below gives a summary of various ingredients used in sunscreens and their range of effectiveness related to both UVA and UVB rays:

FDA Monograph Sunscreen Ingredients	Amount of Ray Protection		Chemical (C) or Physical (P)
	UVA	UVB	
Aminobenzoic acid (PABA)	○	●	C
Avobenzone	●	◐	C
Cinoxate	◐	●	C
Dioxybenzone	◐	●	C
Ecamsule	●	◐	C
Homosalate	○	●	C
Menthyl anthranilate	◐	●	C
Octocrylene	◐	●	C
Octyl methoxycinnamate	◐	●	C
Octyl salicylate	○	●	C
Oxybenzone	◐	●	C
Padimate O	○	●	C
Phenylbenzimidazole	○	●	C
Sulisobenzone	◐	●	C
Titanium dioxide	◐	●	P
Trolamine salicylate	○	●	C
Zinc Oxide	●	●	P

Protection Level: ● = extensive ◐ = considerable ◑ = limited ○ = minimal



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Available in: 125ml R220.00 including vat  
50ml R110.00 including vat