

Active Beauty
PrimalHyal™ 50
The ultimate approach for anti-aging

Crafted by white technology





PrimalHyal™ 50

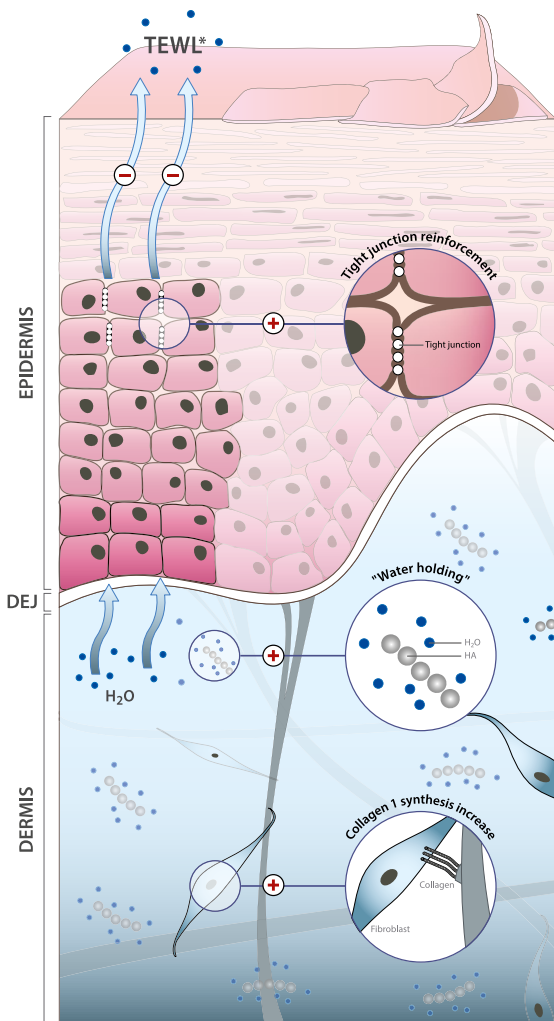
The ultimate approach for anti-aging

PrimalHyal™ 50 is an Ecocert and Cosmos approved low molecular weight hyaluronic acid grade (20 - 50 KDa) obtained by a biotechnological process. PrimalHyal™ 50 provides an in-depth moisturization through a patented activity based on tight junction stimulation leading to skin firmness improvement. The skin is reinforced giving a better younger looking.

Skin hydration and firmness

Tight junctions (TJ) are specific epidermal junctions mainly composed of ZO1 and Occludin proteins. They play a fundamental role in skin hydration and cell cohesion.

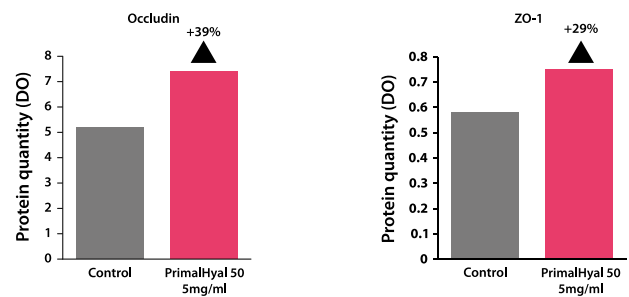
PrimalHyal™ 50 stimulates TJ protein synthesis to maintain skin hydration. PrimalHyal™ 50 also increases skin firmness by stimulating collagen I synthesis.



*TEWL: TransEpidermal Water Loss

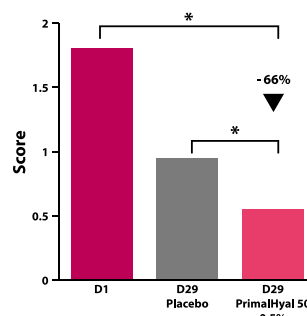
Tight junction reinforcement (In vitro test)

Human keratinocytes were treated with PrimalHyal™ 50 (5mg/ml).



By reinforcing tight junction, PrimalHyal™ 50 prevents TransEpidermal Water Loss (TEWL).

Reduction of skin roughness (In vivo test)

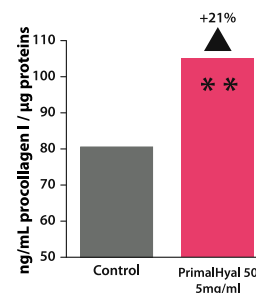


A panel (22 volunteers) applied on the forearm PrimalHyal™ 50 at 0.5% in a gel and a placebo gel twice a day, for 28 days. Skin roughness was evaluated by a dermatologist on a scale of 0 to 4.

PrimalHyal™ 50 significantly moisturizes the skin and reduces dry skin roughness.

* p < 0.05

Increase of skin firmness (In vitro test)



Fibroblasts were treated with PrimalHyal™ 50 (5mg/ml).

By stimulating procollagen I synthesis, PrimalHyal™ 50 increases skin firmness.

** p < 0.01

INCI name: Hydrolyzed hyaluronic acid (Other cosmetic reference: Renovhyal - INCI name: sodium hyaluronate).

Preservative: None.

Dosage: 0.1% to 0.5% | **Form:** powder | Hydrosoluble

Cosmetic applications: Age-defying products, face resculpting care, liquid make up, after shave products, after sun products.