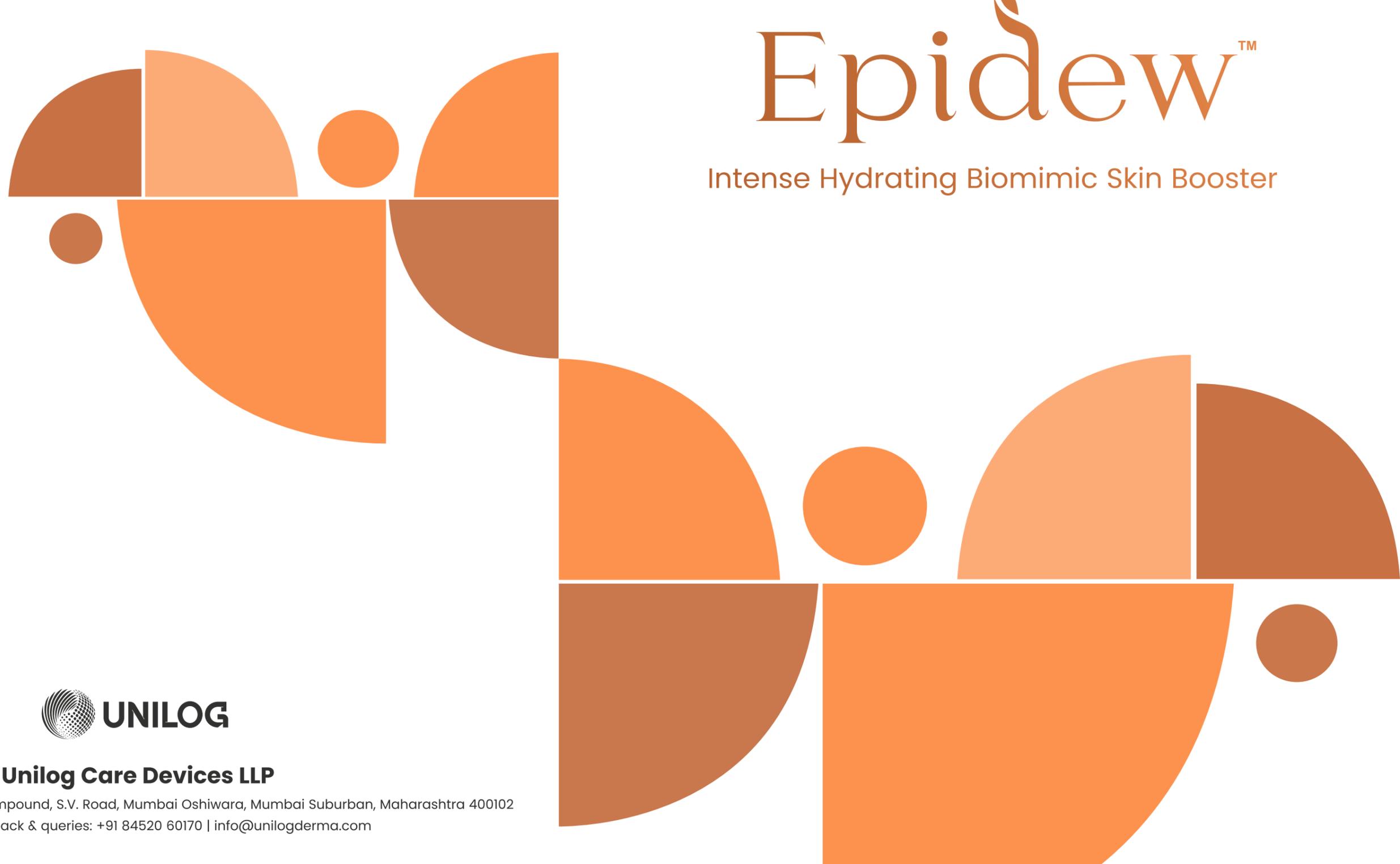


# Epidew™

Intense Hydrating Biomimic Skin Booster



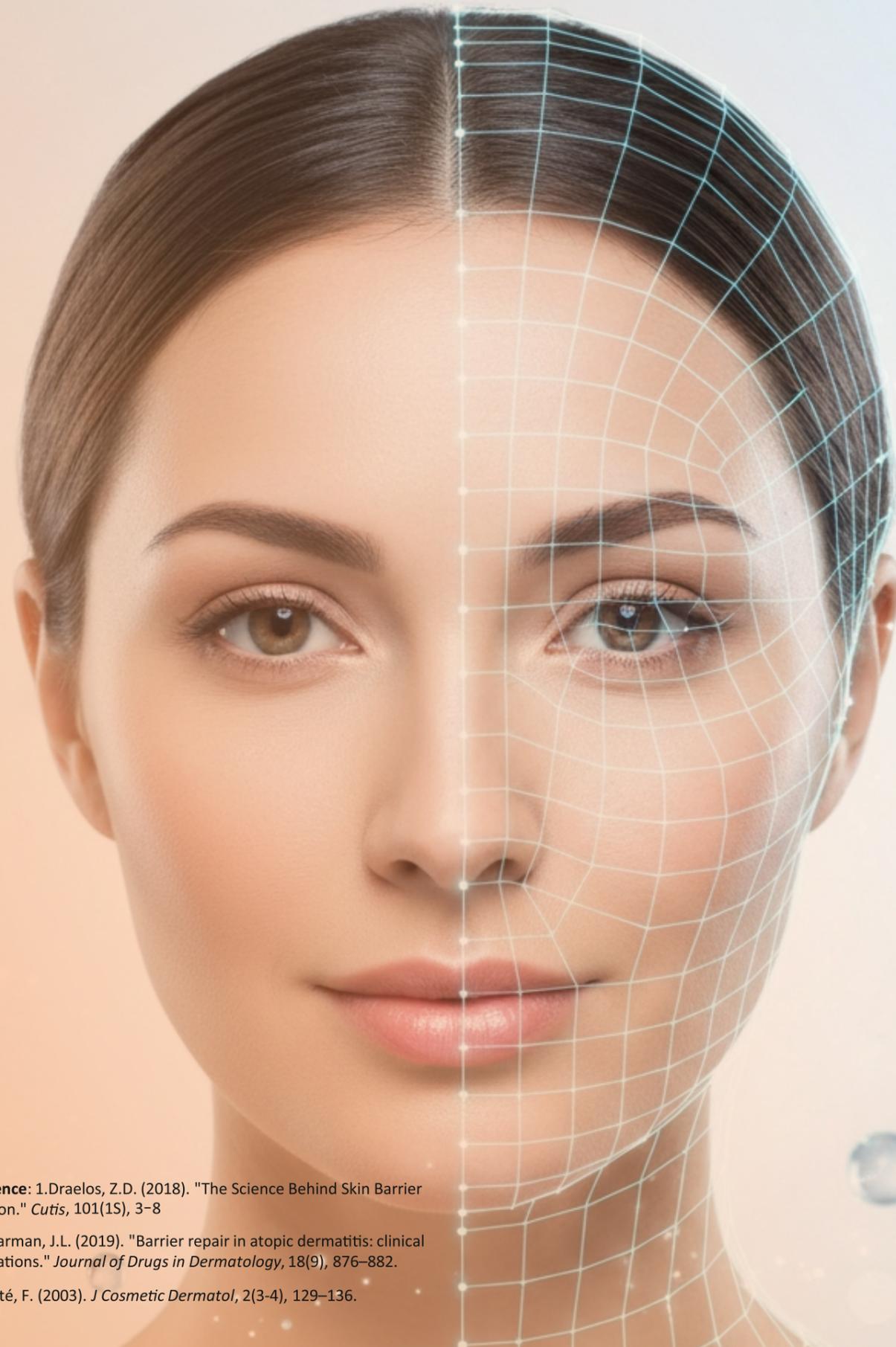
**Unilog Care Devices LLP**

Ground Floor, Gala No. 08, Joshi Compound, S.V. Road, Mumbai Oshiwara, Mumbai Suburban, Maharashtra 400102

For your feedback & queries: +91 84520 60170 | [info@unilogderma.com](mailto:info@unilogderma.com)

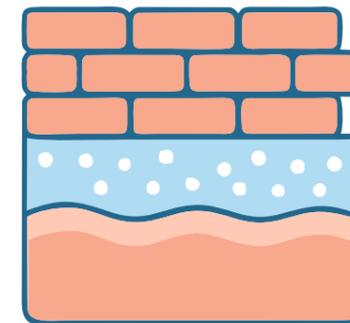


# Ceramides 2% Natural cementing system



1\*

## Strengthen the Skin Barrier



- Reduces TEWL
- Safeguards from environmental stresses

2\*

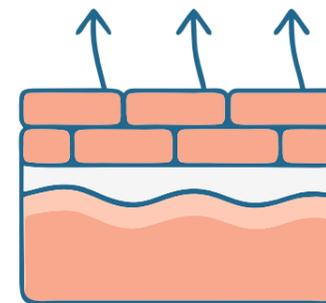
## Lock in Moisture



- Increases hydration by up to 68% after four weeks
- Retain moisture by sealing water within epidermis

3\*

## Boost Skin Elasticity



- Significantly improves the elasticity, firmness & hydration in 28 days
- Reduces roughness, increases suppleness

4

## Improve Hydration



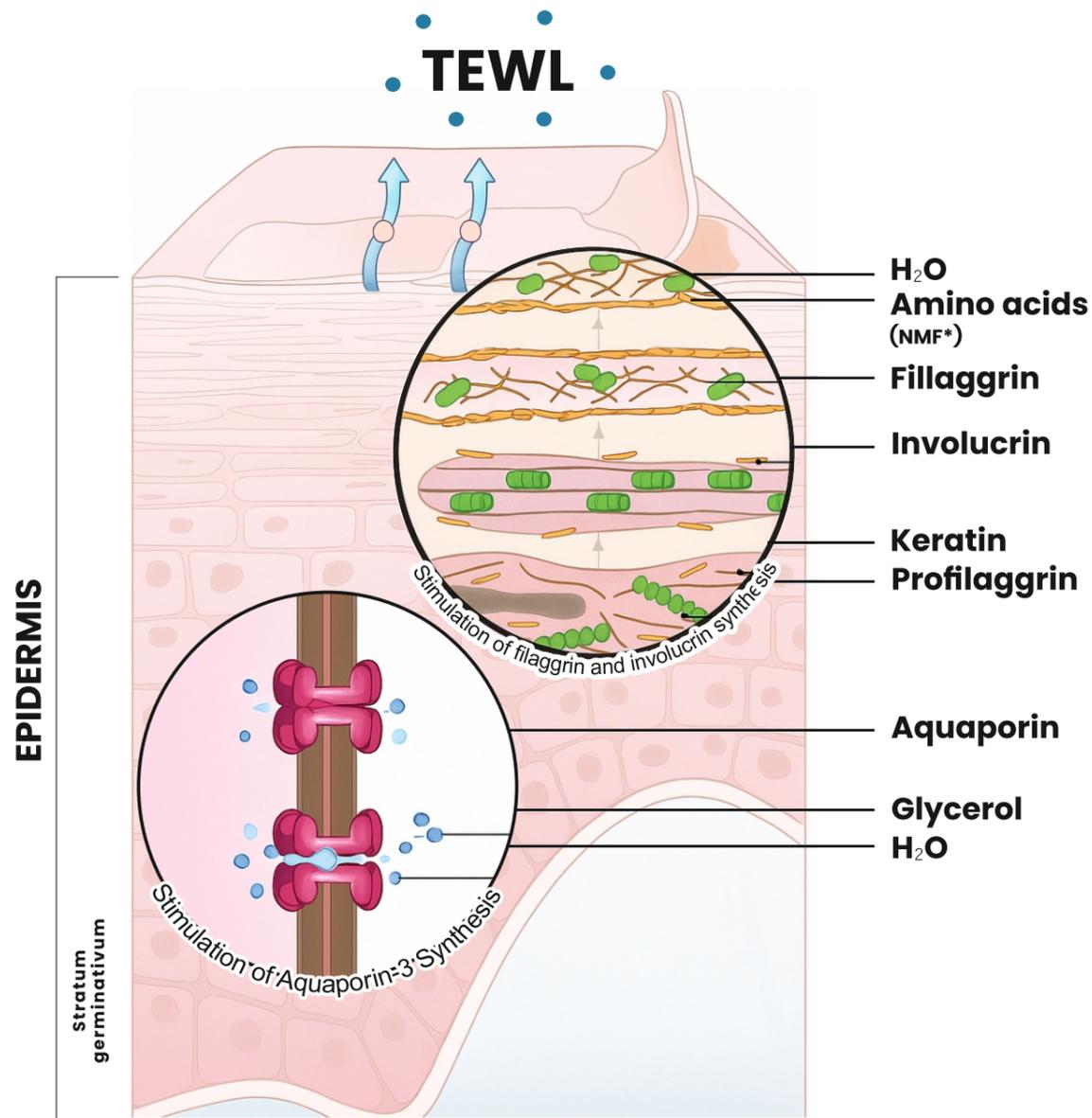
- Improved Moisturization for younger looking skin
- improves vitality of skin cells

Reference: 1. Draelos, Z.D. (2018). "The Science Behind Skin Barrier Function." *Cutis*, 101(15), 3-8

2. Sugarman, J.L. (2019). "Barrier repair in atopic dermatitis: clinical implications." *Journal of Drugs in Dermatology*, 18(9), 876-882.

3. Bonté, F. (2003). *J Cosmetic Dermatol*, 2(3-4), 129-136.

# Aquaxyl™ 3% Proven hydro boost



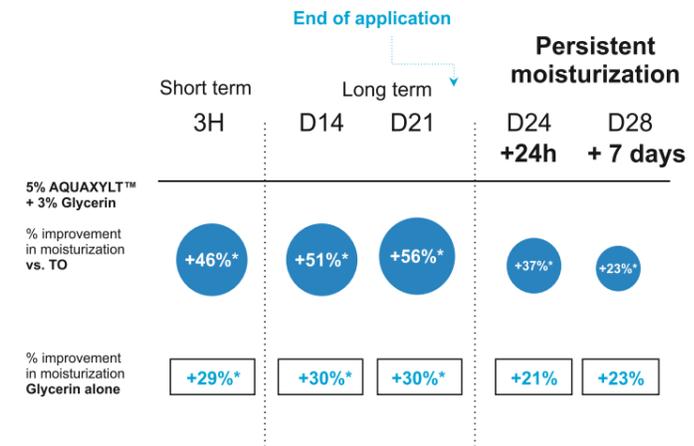
Optimizes Skin's Hydrous flow by Aquaporin stimulation

**Boosts the moisturizing capacity of glycerin**

**Ceramide synthesis booster**

**Hyaluronic acid synthesis booster**

**Starts restructuring skin within 3 hours of 1" application**



### IN VIVO test protocol

- Eu07333 with (1.5% AQUAXYL™ + 3% Glycerin) vs. (Glycerin alone)
- Corneometry - Corneometer® CM 825
- 25 volunteers with very dry skin (<30 AU)
- 2 daily applications on the legs for 21 days
- Monitoring for 28 days

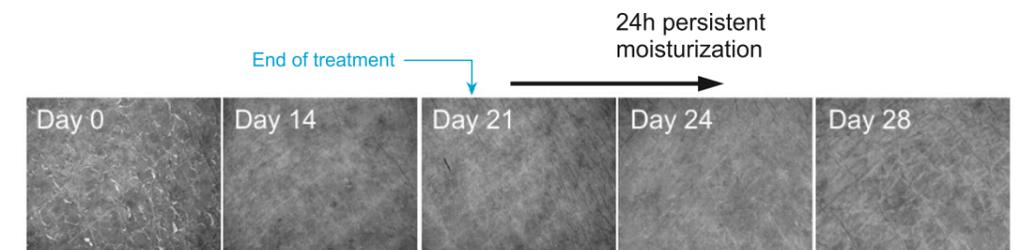
1.5% AQUAXYL™ + 3% Glycerin:

- **Short & Long-term moisturization:** + 30% ^ 0 /0^ \* more moisturization than Glycerin alone

- **Persistent moisturization:** 7 days (168h) after the end of application

THE SKIN IS RESTRUCTURED, SMOOTHER & SOFTER

**Results Persistent for 168 Hours after end of application**

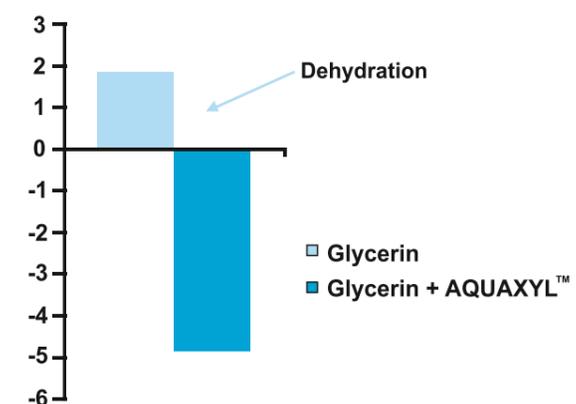


AQUAXYL™ (1.5%) + Glycerin (3%)

1.5% AQUAXYL™ + 3% Glycerin restructures the cutaneous micro-relief and regulates desquamation

**Prevents from negative events of glycerin**

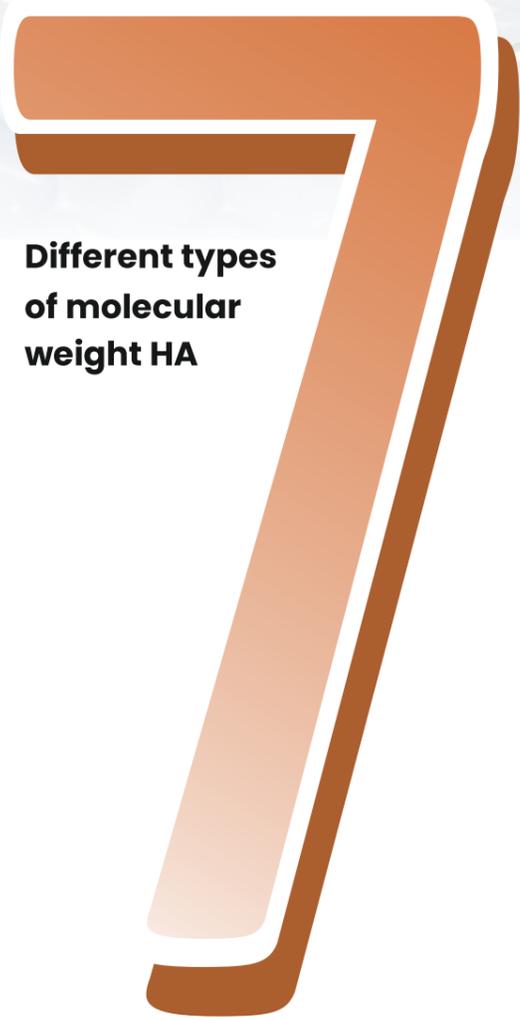
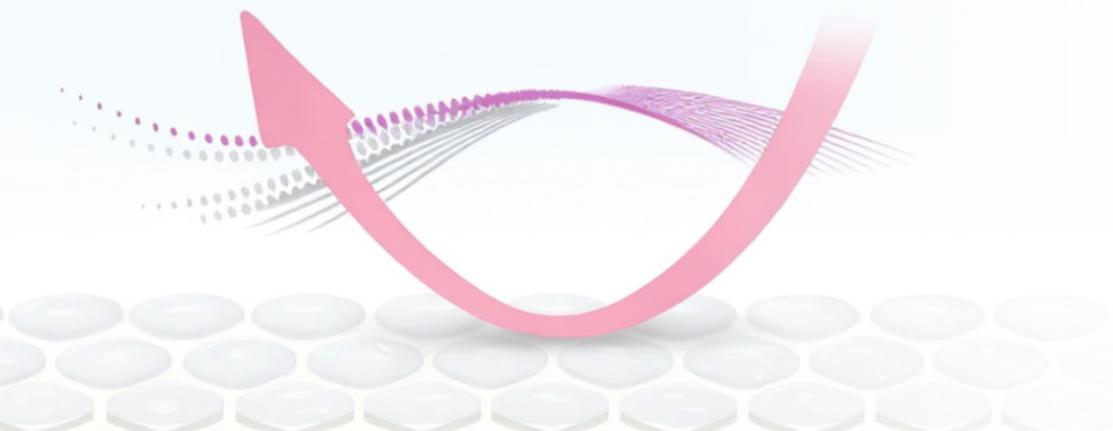
% of TEWL, variation (D14-00)



### IN VIVO test protocol

- EU07333 with (1.5% AQUAXYL™ + 3% Glycerin) vs. (Glycerin alone)
- TEWI-Vaporimeter Defini™ SWL4435
- 25 volunteers with very dry skin (<30 AU)
- 2 daily applications on the legs for 14 days

# HyaClear<sup>®</sup> 7 1% Supercharged moisturization



Different types of molecular weight HA

Works after single application

Immediate skin plumping

**High molecular weight HA**  
Forms a layer of hydration film (Mask) on the skin surface, reduces TEWL, and prevents ultraviolet invasion.

**Medium molecular weight HA**  
Long-lasting moisturizing effect, softens the cuticle, and nourishes the skin.

**Low molecular weight HA**  
Penetrates deep into the skin, nourishes the skin, scavenges free radicals, stimulates the growth of cells & skins own HA, anti aging (Optimizes elasticity, firmness & preserves skins youth from inside).

2.3M Da

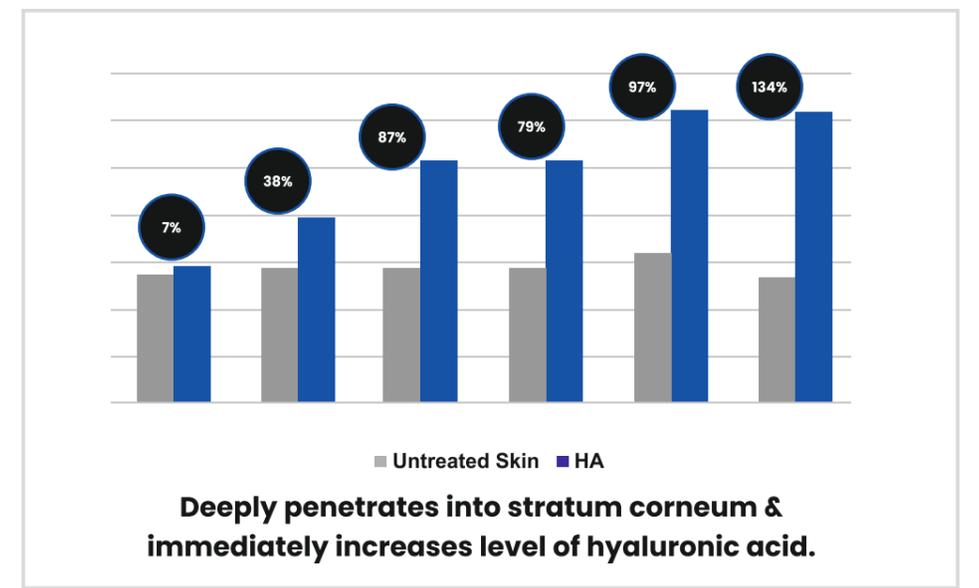
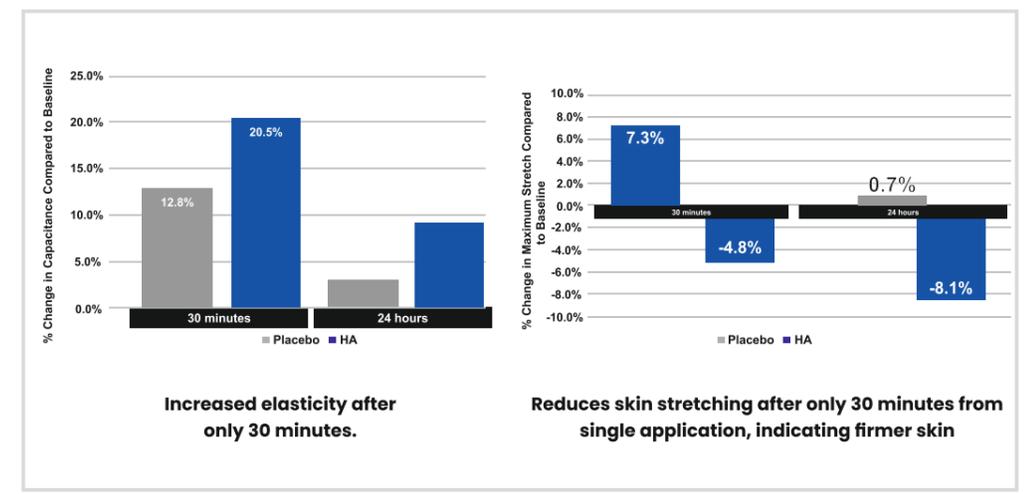
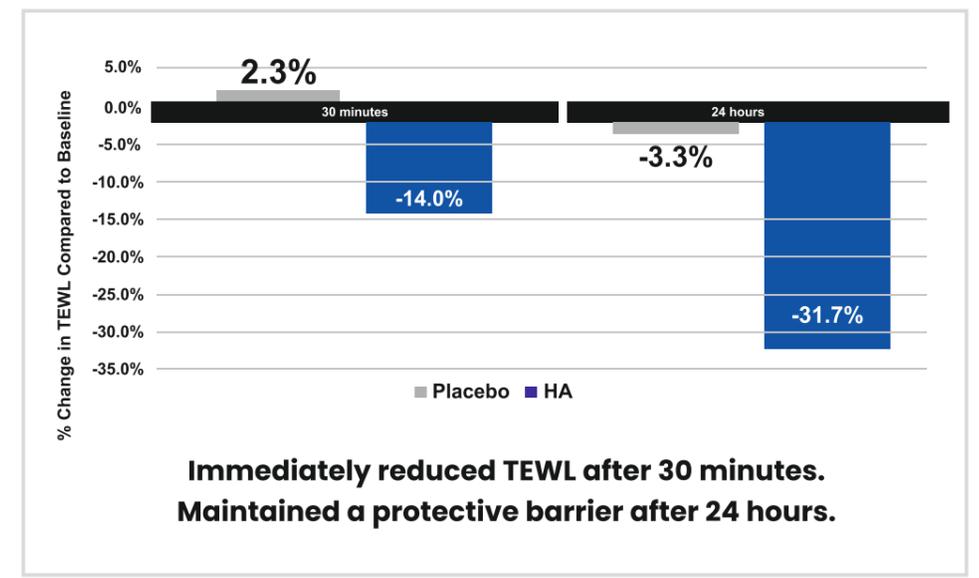


3k Da

Study 1A  
**Skin Barrier Function & Moisturization**

Study 1C  
**Skin Elasticity**  
Study 1D  
**Skin Firmness**

Study 2  
**Depth Penetration in Skin**

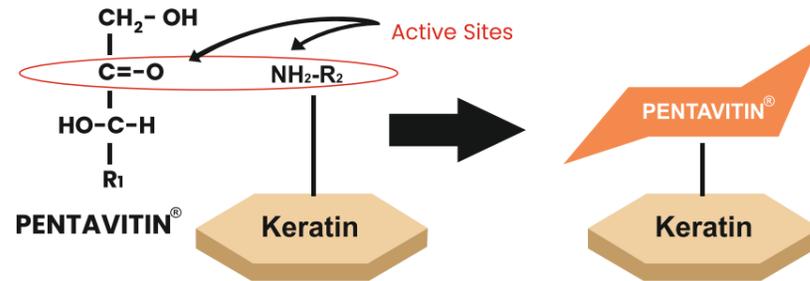


# Pentavitin<sup>®</sup> 3% 72 hours hydration

Unique composition similar to that of the carbohydrate complex (NMF) found in human skin

Compound	Carbohydrate fraction of the SC
Psicose	0.2
Glucose	2.2
Mannose	3
Fructose	31.1
Glucose	46.7
Galactose	2.1
Various	14.7

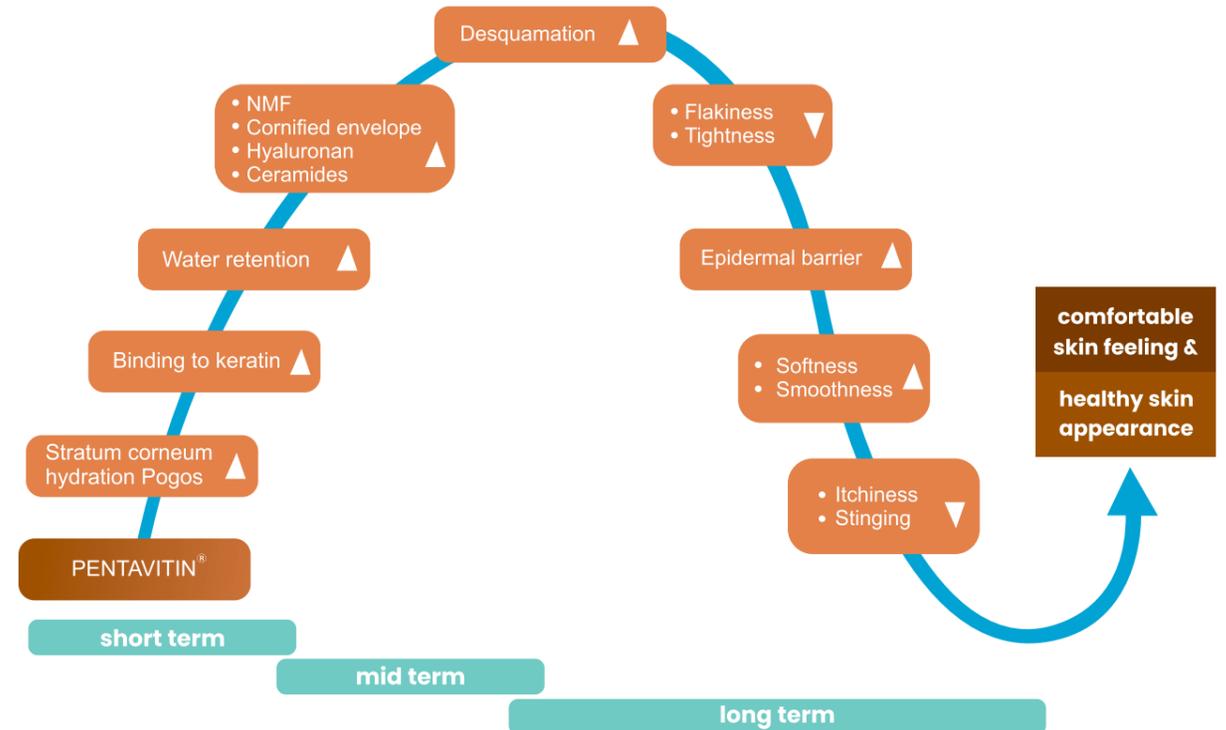
Unique binding ensures a mechanism for deep hydration



R<sub>2</sub> = amino group of lysine in the keratin

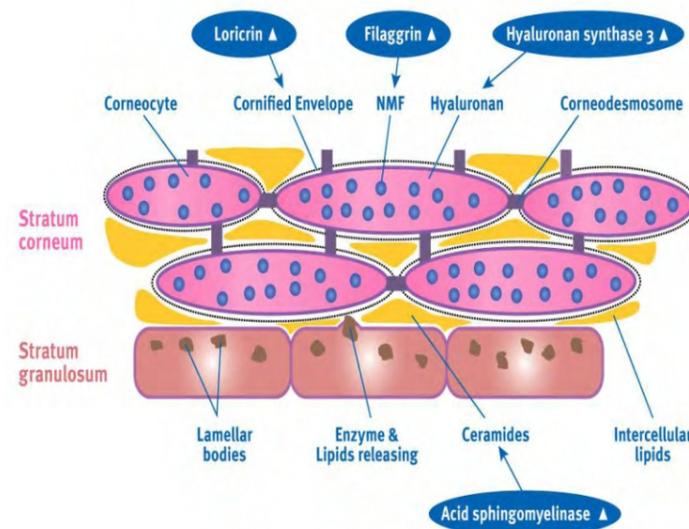
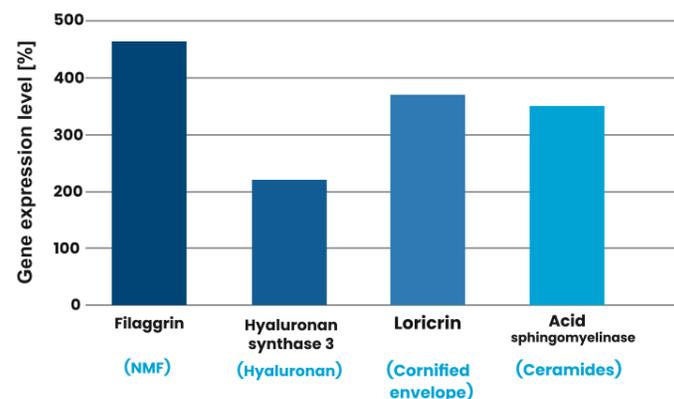
Unique binding mechanism to the skin that is not washed off  
The removal of PENTAVITIN<sup>®</sup> occurs only by the natural process of desquamation. Proven binding to amino acid lysine (free amino groups) at the corneocytes.

## Mechanism

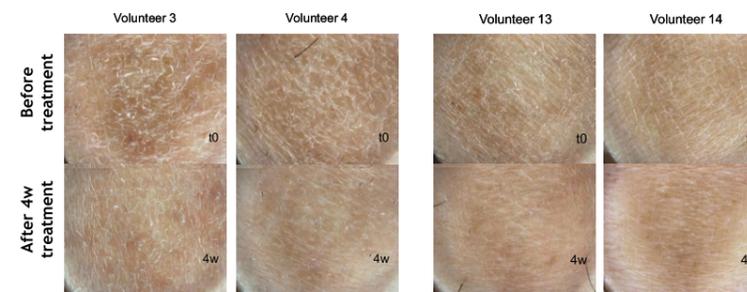


## Stimulates key genes playing a role in the skin barrier

Induction of gene expression in human keratinocytes by 0.3% PENTAVITIN<sup>®</sup>



## Significant improvement in desquamation

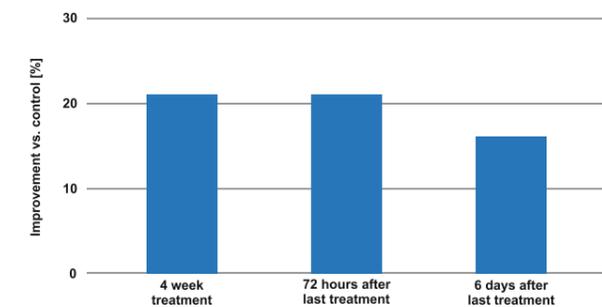


Macro photographs demonstrating significant improvement in skin appearance after 4 weeks application of 1% PENTAVITIN<sup>®</sup>.

Stratum corneum desquamation has clearly been normalized.

## Deep hydration for 72 hours

Improvement of dry skin signs according to Kligman's clinical grading



1% PENTAVITIN<sup>®</sup> reduces dry skin signs by 20% after 4 weeks according to Kligman's clinical grading. After the last treatment the effects of PENTAVITIN<sup>®</sup> last for 72 hours.

# Rich in Bioactive's



## Mango butter 1%

- **Stearic acid, oleic acid**  
(moisturizing fatty acids)
- **Vitamins A, C, and E**
- **Polyphenols and phytosterols**

## Avacado butter 1%

- **Oleic acid**  
(monounsaturated omega-9)
- **Vitamins A, D, E**
- **Lecithin, phytosterols**



## Clinically Proven benefits

### 1. Moisturization & Barrier Repair

Improves skin hydration and elasticity  
Helps restore the skin barrier and prevent trans epidermal water loss (TEWL)

### 2. Anti-inflammatory & Soothing

Reduces inflammation and soothe irritated skin

### 3. Antioxidant Protection

**Helps combat oxidative stress that leads to premature skin aging. Helps heal wound Healing & Skin Repair**

1. International Journal of Cosmetic Science (2008)  
2. Journal of Agricultural and Food Chemistry, 2006  
3. Research in Phytotherapy Research (2000s) indicated that mango kernel fat supports skin regeneration and collagen production

## Clinically Proven benefits

### 1. Deep Hydration

Significantly increased collagen synthesis

### 2. Wound Healing & Collagen Boost

Aid in wound healing, improving skin elasticity.

### 3. Anti-inflammatory & Antioxidant

Reduces inflammation and scavenging free radicals that lead to aging.

### 4. UV Protection

**Protect against UV-induced skin damage, though not a replacement for sunscreen.**

1. Dermatology Research and Practice (2013)  
2. International Journal of Molecular Sciences, 2011

# TRANSFORMS EPIDERMIS FROM CROWN TO CUTICLE

Every inch of skin cared, smoothed with perfection

**HyaClear® 7 1%**

**Supercharged  
Moisturization**

1. Forms hydration film on skin
2. Stimulates production of skins own HA and collagen

**3% Aquaxyl®**

**Proven hydro boost**

1. Reinforces barrier effect
2. Optimizes water reserves
3. Maximizes water circulation within epidermis

**3% Pentavitin®**

**Unique Skin Identical  
Carbohydrate Complex<sup>1</sup>**

1. Strengthens skin barrier functions
2. Normalizes desquamation
3. Upregulates the filaggrin, loricrin,hyaluronan synthase 3

**2% Ceramide**

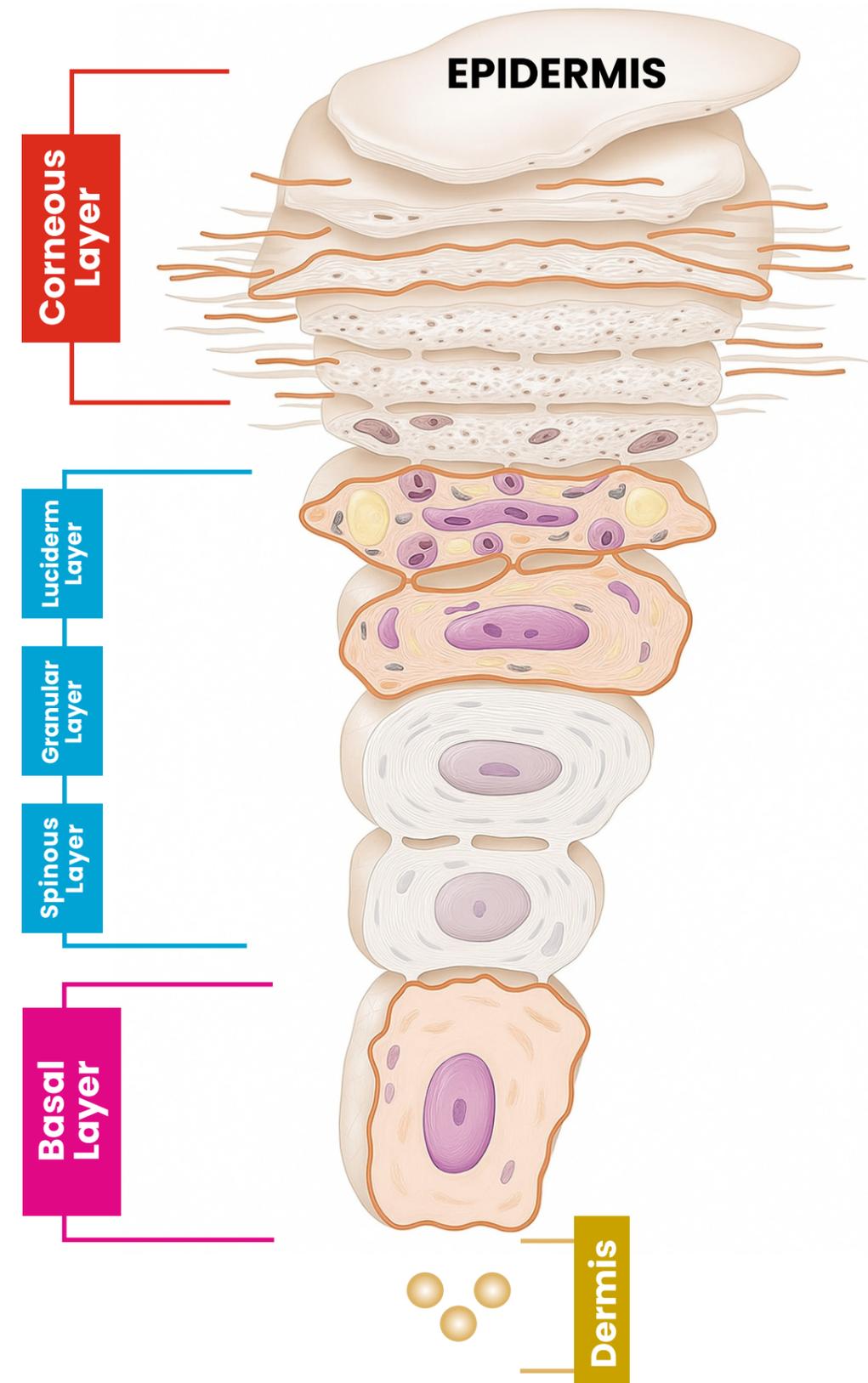
**Natural cementing  
system**

Strengthen barrier  
Locks moisture  
Boosts elasticity

**1% Mango butter  
Avocado butter**

**Natural bioactives**

Helps heal wound Healing &  
Skin Repair Increases collagen production



## Application area's



## UNIQUE 7 SKIN BENEFITS

- (1) All round, unique & persistent formulation deep moisturization & rejuvenation
- (2) Seven different molecular weight HA (3K) 2.3M Da High-Medium-Low molecular weight)
- (3) Proven in providing deep moisturization in epidermis up to 72 hours
- (4) Promotes stratum corneum hydration, desquamation & empowers barrier function
- (5) Complete skin restructuring within 21 days of continuous use
- (6) Reduces fine lines and wrinkles in just 7 days
- (7) Efficient skin delivery of active concentrations

### Indication: >>



**Intense Hydrating Biomimic with active lipid lamellar structure for skin boosting**



**Adjuvant to dermal fillers, Chemical peels, Laser treatments and skin booster**



**Ideal in all kinds of aesthetics procedures as a post care**