



Speed & Longevity. In One Solution.

The Next-Generation Dual Layer Skin Booster

The Skin Booster Dilemma: What Must You Choose?

Immediate Effect

Patients want immediate improvements in moisture and skin texture right after the procedure.



Lasting Improvement

Practitioners aim for fundamental, long-term skin health, targeting the recovery of the skin's core structure that lasts over time.

Until now, speed and longevity have been a compromise.

The End of Compromise.



Dualyn simultaneously implements both **rapid, immediate effects and long-lasting, fundamental improvement**. There is no longer a need to choose between speed and longevity.

The Science of Dualyn: The Dual Layer Formula

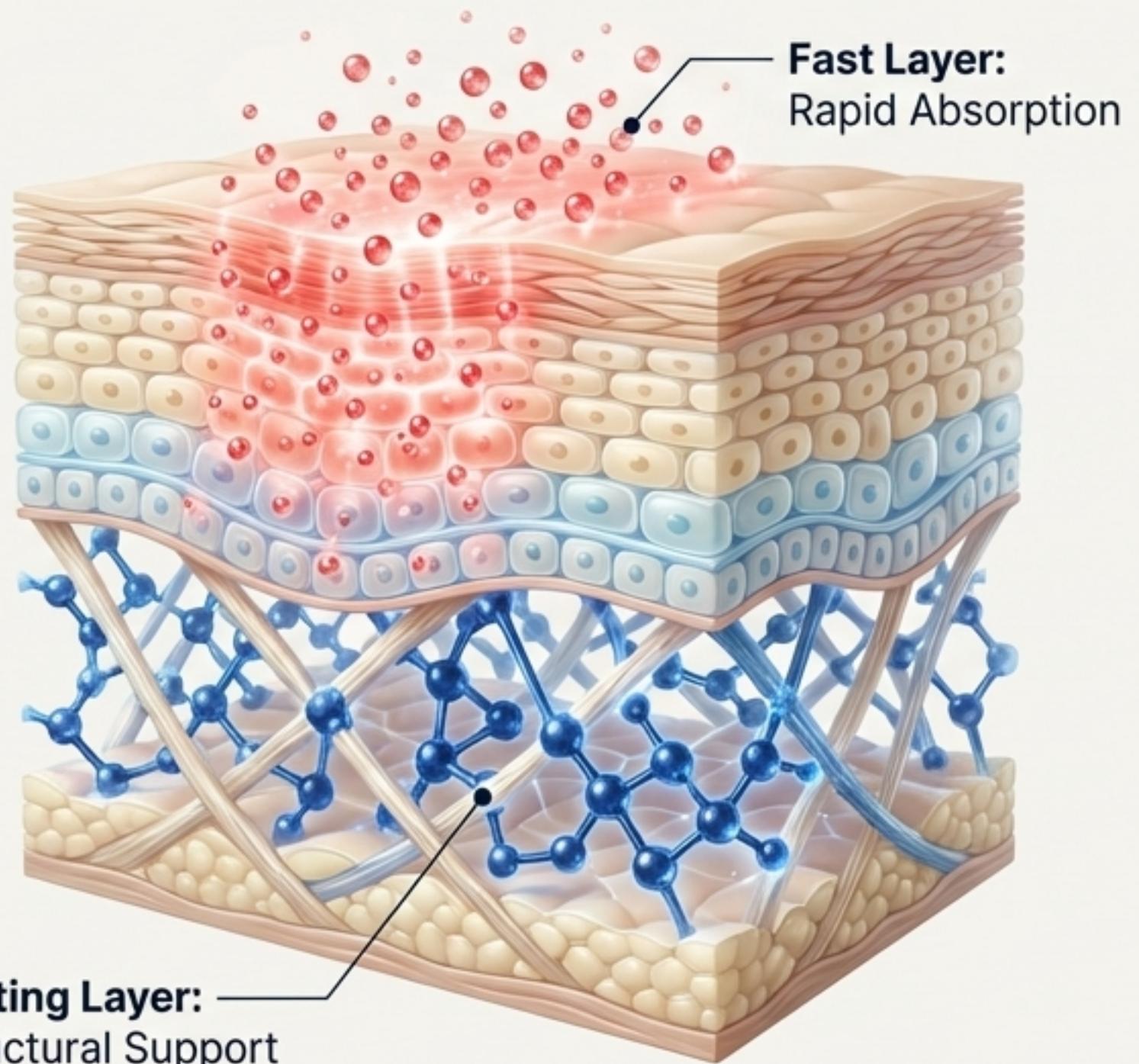
The core of Dualyn is its innovative formula where ingredients with different molecular weights and properties are synergistically divided into two layers.

Fast Layer (Immediate Effect)

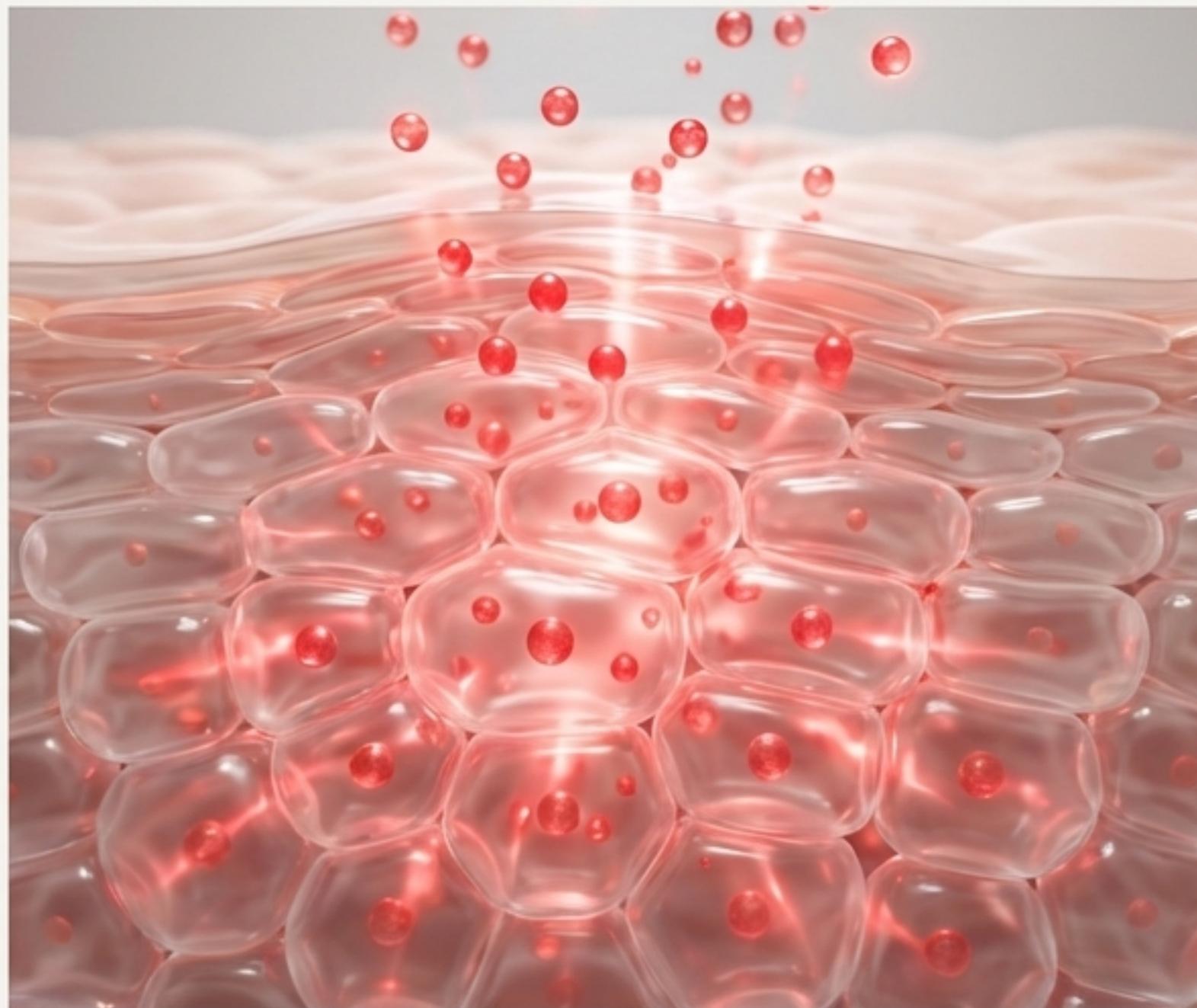
Rapidly absorbed to provide moisture and vitality.

Lasting Layer (Sustained Effect)

Supports the skin structure to maintain the effect for a long time.



Phase 1: The Fast Layer – Immediate Hydration and Regeneration



Low-Molecular-Weight Hyaluronic Acid

Specification: 0.2–0.5 MDa

Function: Rapidly absorbs into the skin to provide immediate moisture.

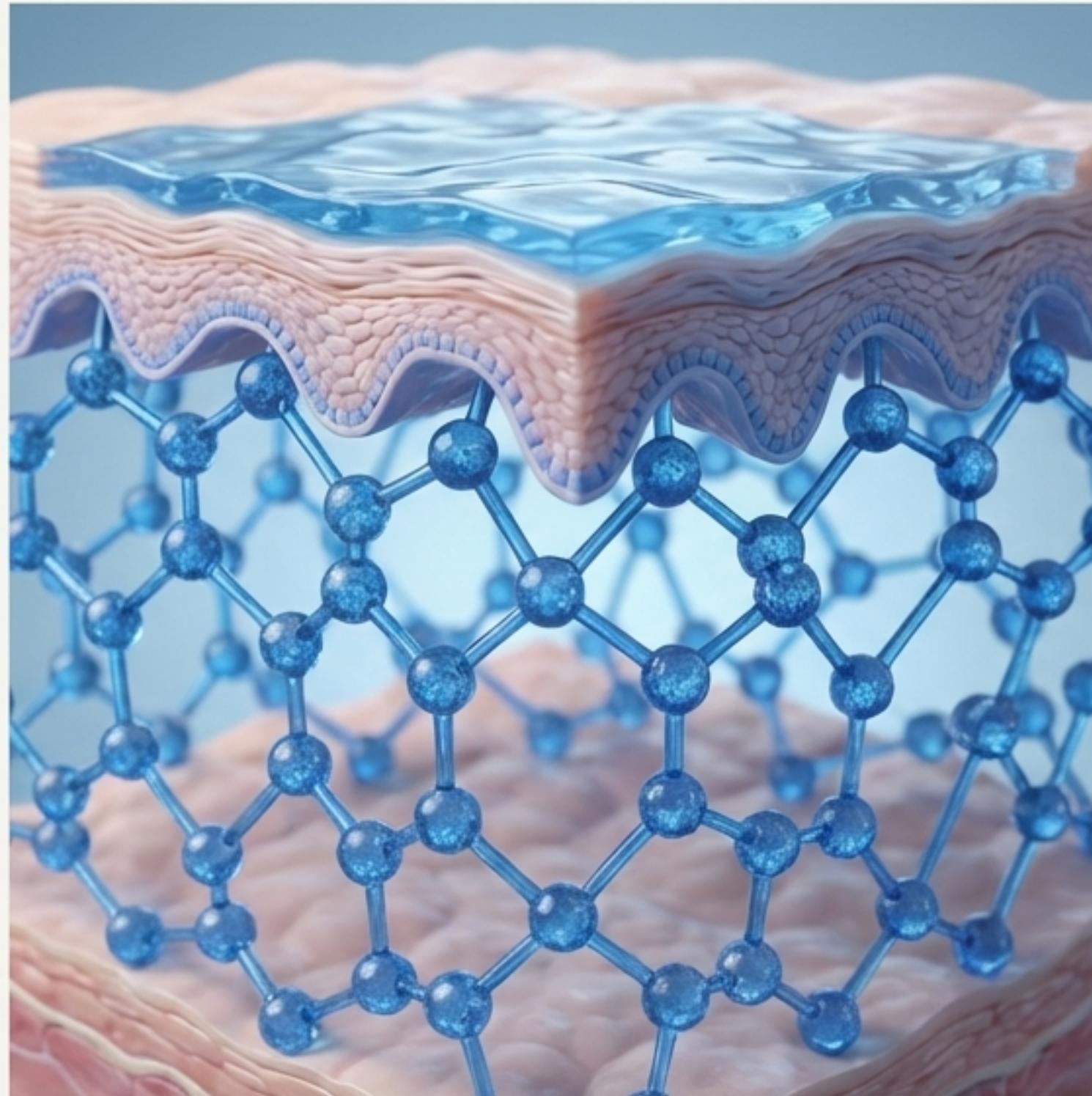
Micro-Fragment PDRN (miPDRN)

Specification: < 25bp

Function: Quickly breaks down to induce rapid skin regeneration and impart vitality.

Result: The tangible moisture and vitality that patients can feel immediately after the procedure.

Phase 2: The Lasting Layer – Long-Term Elasticity and Protection



High-Molecular-Weight Hyaluronic Acid

Specification: 1.0 MDa

Function: Forms a protective moisture barrier on the skin's surface, retaining hydration for a long time and complementing the shorter duration of Low-MW HA.

Polynucleotide (PN)

Specification: 500–2500bp

Function: Promotes long-term tissue repair and collagen synthesis, complementing the rapid action of miPDRN.

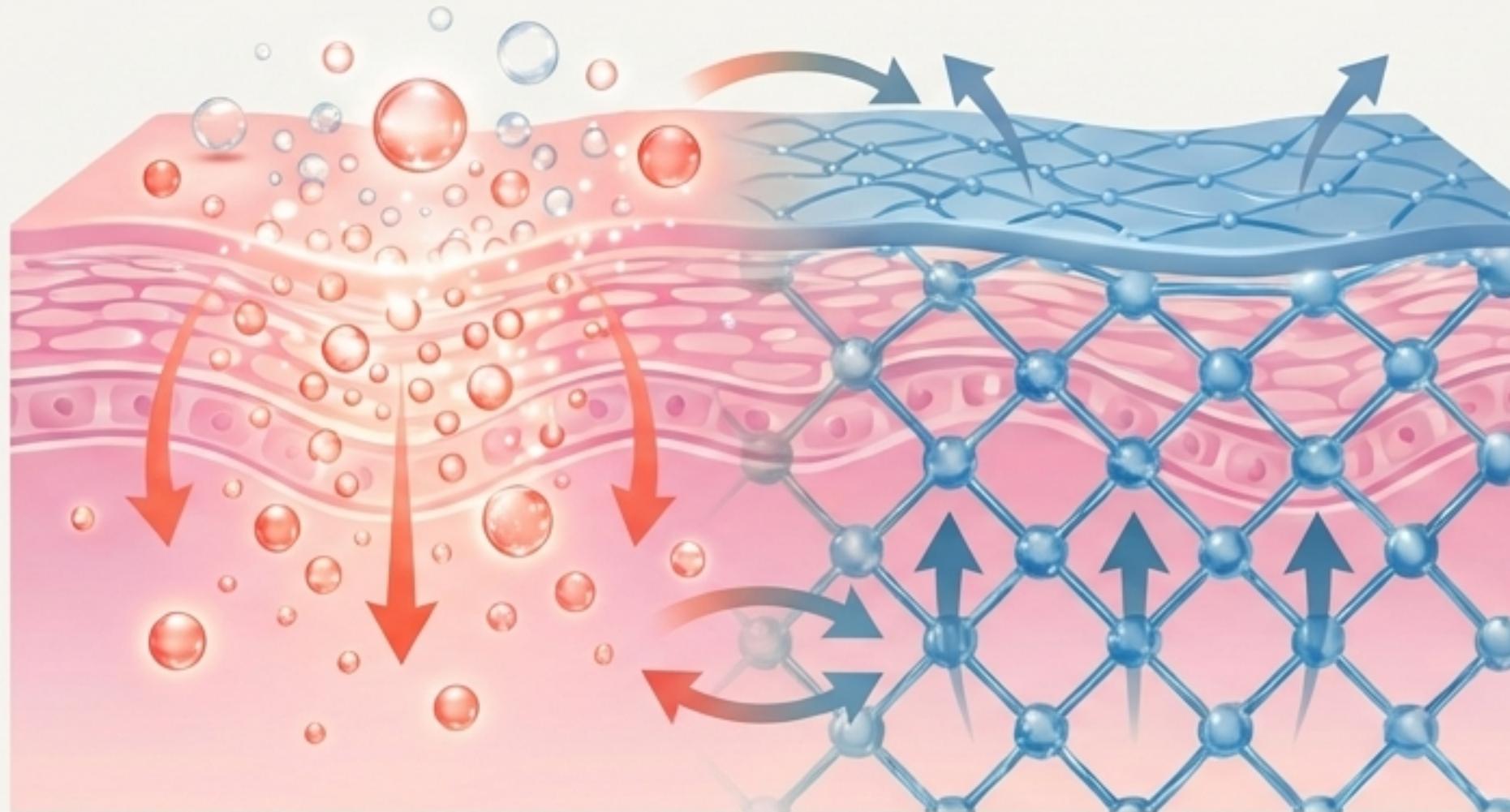
Result: Enhanced skin elasticity and a healthy skin structure that strengthens over time.

Perfect Synergy: The Complete Dual Effect Through Mutual Compensation

Fast Layer

Contribution:
Immediate moisture & regeneration

Limitation:
Low durability



Lasting Layer

Contribution:
Long-term moisturization & structural support

Limitation:
Slow initial effect

Dualyn maximizes the strengths of both layers and perfectly compensates for their weaknesses, delivering an ultimate skin booster effect that is both fast and long-lasting.

Ingredient Analysis 1: The Role of Two Hyaluronic Acids

Low-MW HA

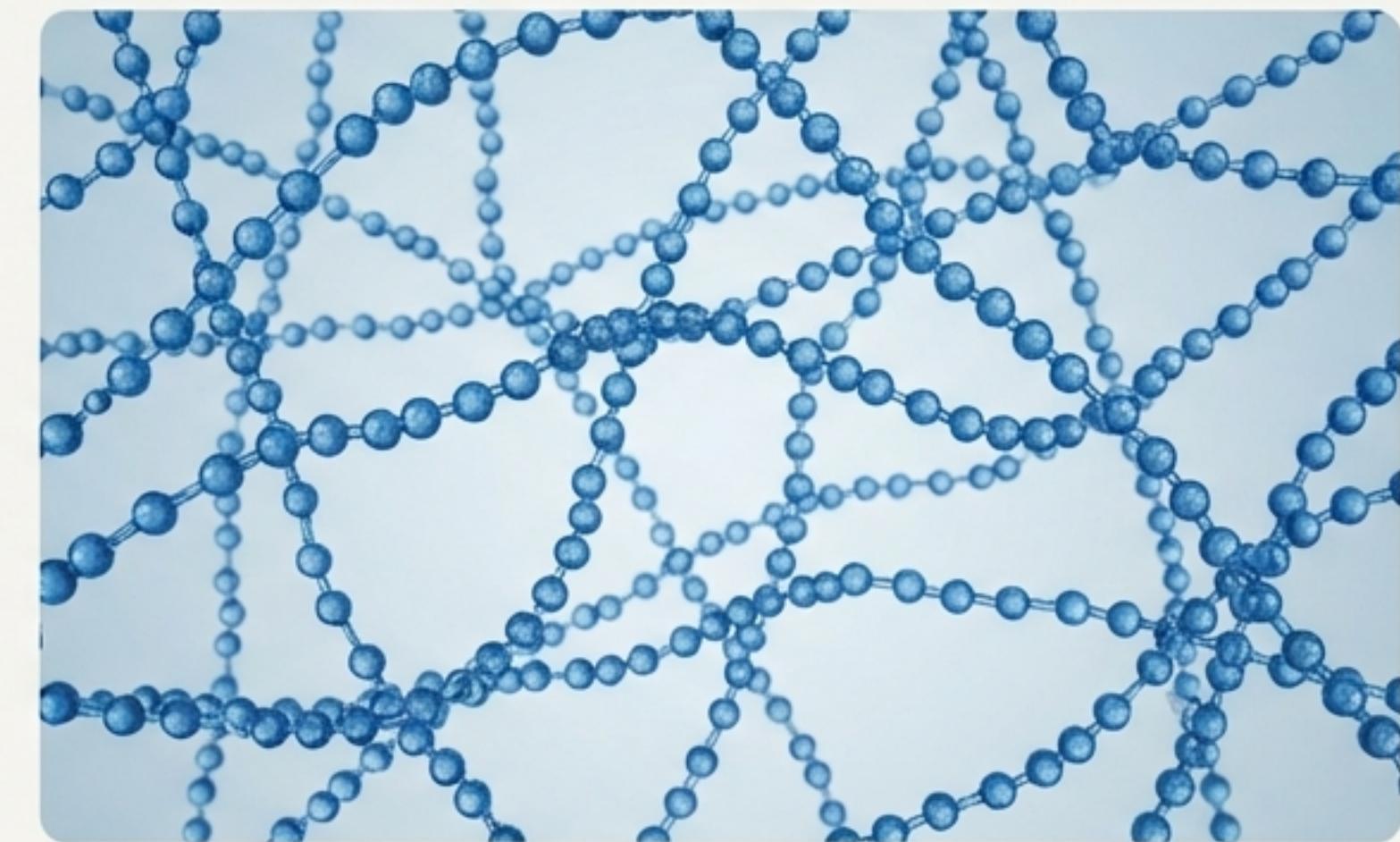


Molecular Weight: 0.2–0.5 MDa

Core Action: Rapid absorption, instant moisture supply

Role: Immediate hydration effect and skin texture improvement

High-MW HA



Molecular Weight: 1.0 MDa

Core Action: Slow degradation, sustained moisture retention

Role: Forms a surface protective barrier, enhances effect duration and sustainability

Ingredient Analysis 2: The Synergy of Two Polynucleotides

miPDRN (Micro-Fragment PDRN)



Molecular Weight: < 25bp

Core Action: Rapid degradation, induces fast regeneration

Role: Promotes rapid recovery of damaged skin and restores vitality.

PN (Polynucleotide)



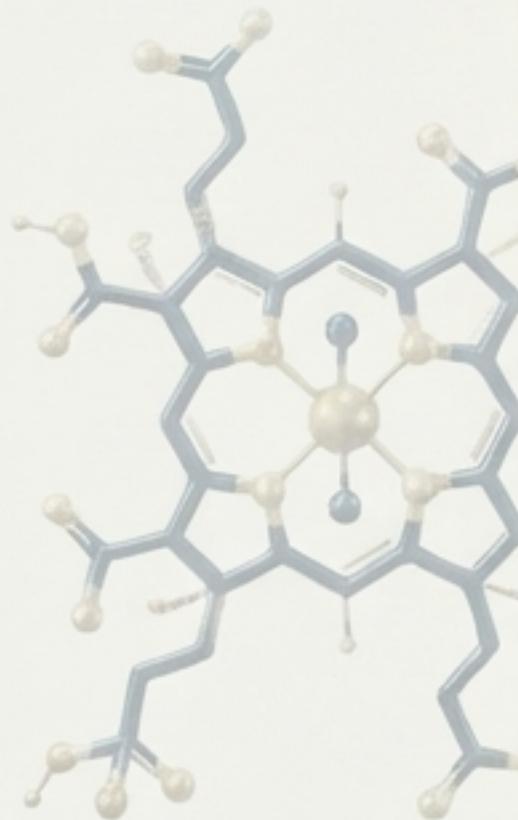
Molecular Weight: 500–2500bp

Core Action: Long-term tissue repair, collagen production promotion

Role: Strengthens the skin's fundamental structure for improved elasticity.

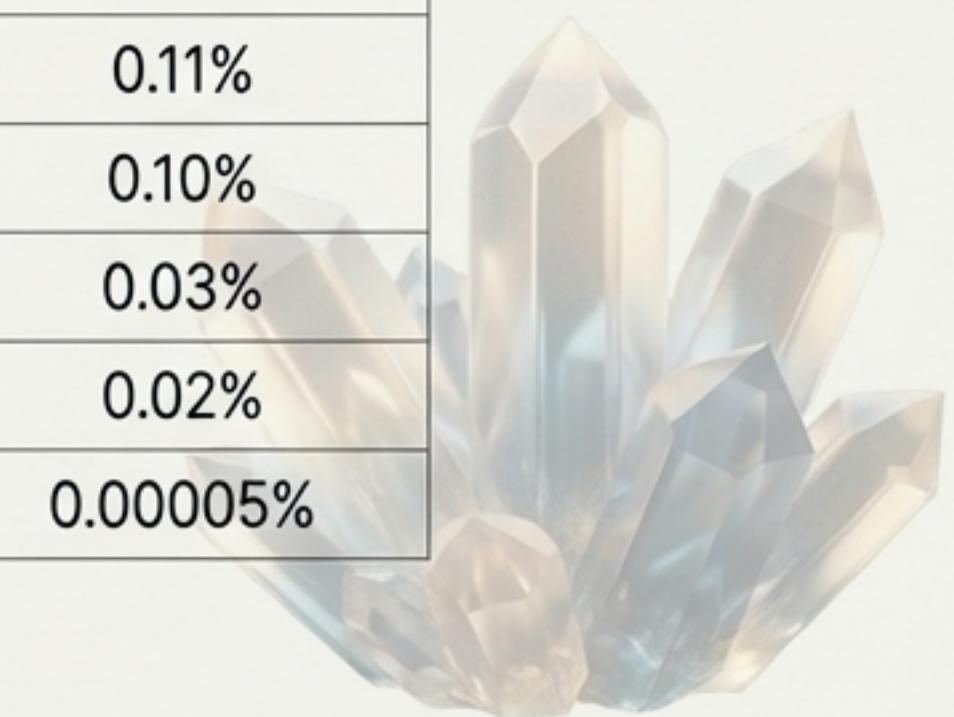
The Complete Formula: All Ingredients and Content

Also contains supporting ingredients for optimal synergy: Vitamin B12 to activate cellular energy metabolism and a Mineral Complex (Sodium Chloride, Potassium Chloride, Phosphate) to maintain a healthy, elastic skin environment.



Ingredient	Content (per mL)	Ratio
HA (HA_1.8)	18mg/mL	1.80%
Sodium Chloride	8mg/mL	0.80%
Low-MW HA (HA_0.8)	5mg/mL	0.50%
miPDRN	5mg/mL	0.50%
Disodium Phosphate Dihydrate	1.1mg/mL	0.11%
PN	1mg/mL	0.10%
Sodium Dihydrogen Phosphate Dihydrate	0.3mg/mL	0.03%
Potassium Chloride	0.2mg/mL	0.02%
B12	0.05µg/mL	0.00005%

All ingredients are precisely combined for optimal synergy.



The Ultimate Result: Dualyn's 4 Core Benefits



Deep Hydration

Rapid and deep moisture supply and long-term moisture retention effect.



Skin Regeneration

Rapid recovery of damaged skin and cell revitalization.



Elasticity Improvement

Lifting effect through collagen production promotion and skin structure support.



Antioxidant Protection

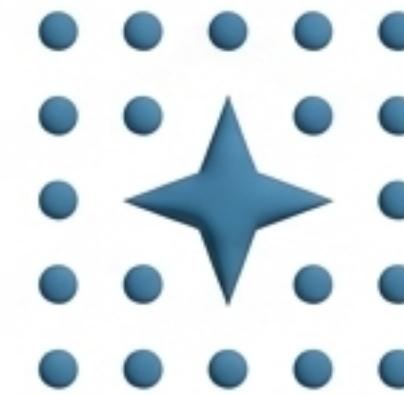
Protects skin from harmful environments to maintain a healthy skin condition.

Value Beyond Synergy: Why Dualyn Becomes Your Competitive Advantage



Unmatched Patient Satisfaction

By providing both immediate and lasting improvements, you gain patient trust and encourage repeat visits.



Differentiated Treatment Portfolio

Offer a next-level solution that overcomes the limitations of existing skin boosters, differentiating your clinic.



Growth Through Premium Procedures

Provide high value with a science-backed premium product, leading to the growth of your clinic.

Dualyn: Setting the new standard for skin boosters.