

AKOSKY™
ETHERNAL



THE CLASSY ACTIVE
FOR AN **AGELESS,**
REVITALIZED SKIN,
REMODELED FROM WITHIN

MICROGREENS-ACTIVATED LONGEVITY

*Aging is not simply about time—it's about cellular resilience.
The key to longevity isn't just preventing damage—it's enabling renewal.*

Akott introduces **AKOSKY™ ETERNAL**, a breakthrough active designed to **counteract the Pyramid of Aging and restore the Triangle of Youth**.

By infusing the skin with **anti-gravity metabolites**, it **lifts, firms, and redefines facial contours, unveiling a sculpted and timeless beauty**.

Rooted in the vital **biological energy of newborn plants**, **AKOSKY™ ETERNAL** merges ancient botanical wisdom with cutting-edge biotechnology. Harnessing the **power of germination**, it awakens the **dormant life force** within the seed, amplifying its potency to revitalize and fortify the skin – for **ageless, revitalized** skin, **remodeled from within**.



ORIGIN

From the prized botanical treasure of Fenugreek, we harness the transformative power of Sprouting, unleashing the seed's peak vitality to amplify its bioactive potency — As seeds awaken, their metabolism is reactivated, triggering nutrient transformation and the biosynthesis of potent secondary metabolites — for **MICROGREENS-ACTIVATED** skin **LONGEVITY**

ECO-SUSTAINABLE SOLUTION

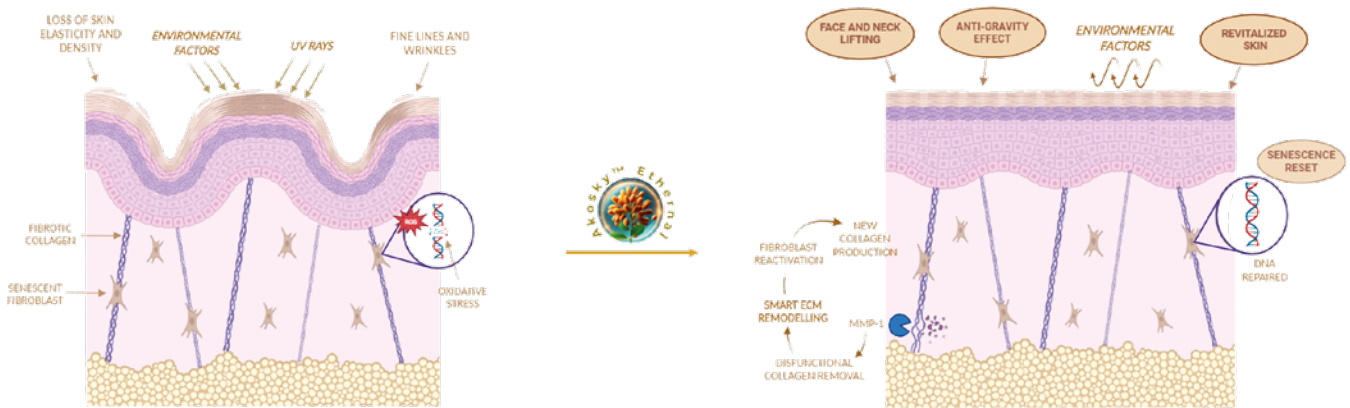
Our process maximizes nature's wisdom while minimizing environmental impact. Through the power of Sprouting, we unlock a unique phytochemical profile, enhancing both efficacy and sustainability. Sprouting delivers nature's most concentrated source of vitality through an **eco-conscious** process that requires less water and land, significantly reducing **resource consumption** while minimizing the need for chemical inputs.

EFFICACY

AKOSKY™ ETERNAL is a multifunctional hydrophilic ingredient from Fenugreek Microgreens with unique phytochemical profile characterized by HPLC analysis. By infusing the skin with **anti-gravity metabolites**, we shift the **Pyramid of Aging back into the Triangle of Youth—lifting, firming, and redefining contours for a sculpted, timeless beauty**.

MECHANISM OF ACTION

AKOSKY™ ETERNAL revitalizes the skin's renewal cycle, keeping fibroblasts active and functional to support extracellular matrix (ECM) remodelling. In UV-stressed senescent fibroblast, it **promotes ECM homeostasis** by regulating the removal of dysfunctional collagen (MMP-1) while **stimulating new collagen I and III synthesis**. Beyond restructuring, it enhances the skin's natural repair mechanisms, **improving the Cell Survival Index** and boosting antioxidant enzymes (SOD) to combat **oxidative stress**, and restoring **skin vitality**.



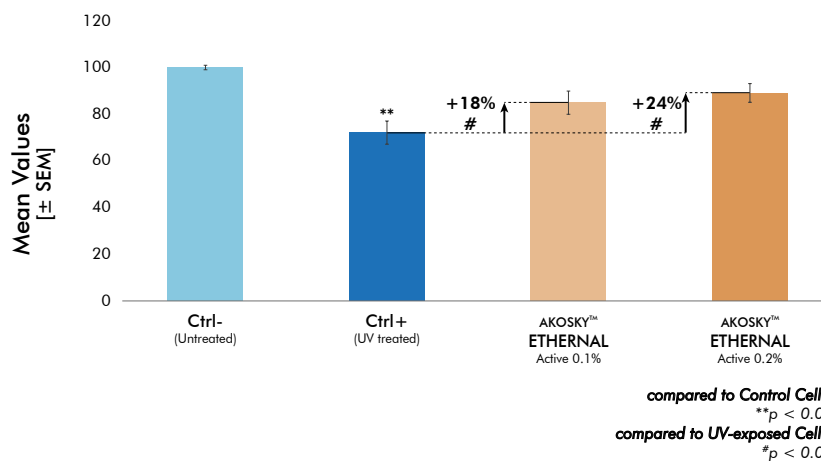
RESULTS

LABORATORY STUDY (*in vitro*)

SHIELDING CELLS FROM UV-INDUCED SENESCENCE

UV irradiation was used to induce cellular senescence, confirmed by β -Gal staining, highlighting the accumulation of ageing cells. Human Dermal Fibroblasts (HDF) were incubated with **AKOSKY™ ETERNAL** for 48h and exposed to UV irradiation to evaluate the potential protective effects in fibroblasts from UV-induced damage.

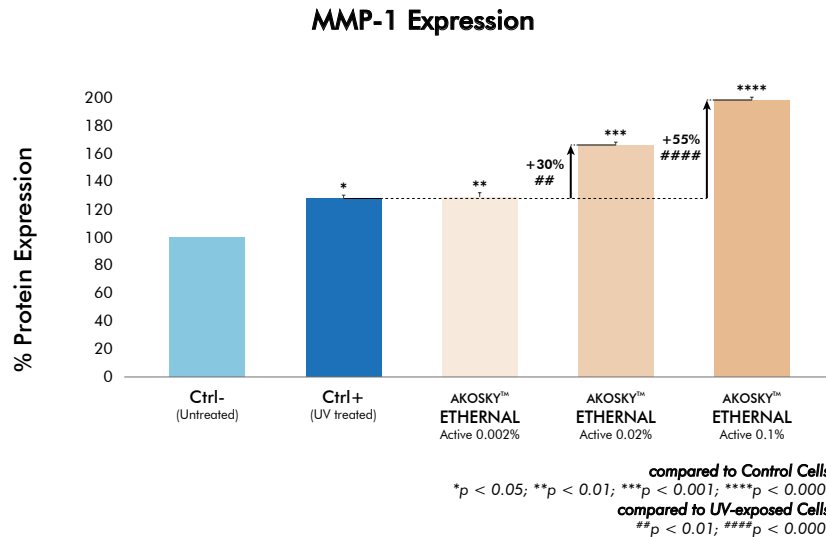
Cell Survival Index



AKOSKY™ ETERNAL acts as protective shield against UV-induced senescence

SMART ECM REMODELING BY MODULATING MMP1

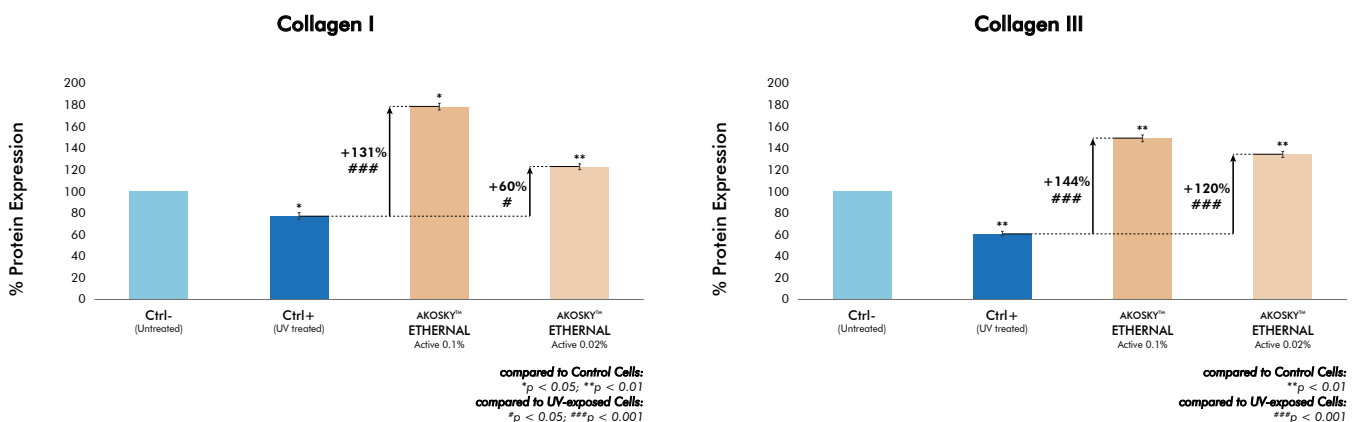
In UV-damaged skin, collagen fibers become fragmented and dysfunctional—MMP-1 helps clear these damaged fibers to make space for new, functional collagen.



**AKOSKY™ ETERNAL Activates MMP-1
to clear damaged collagen and make space for new fibers**

FIBROBLAST REACTIVATION COLLAGEN I-III EXPRESSION

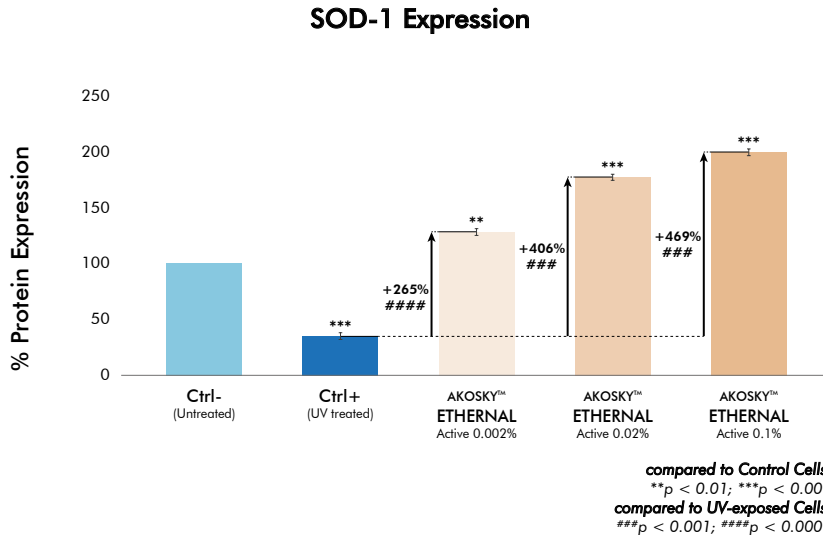
AKOSKY™ ETERNAL reactivates fibroblasts for new deposition of collagen, promoting ECM regeneration. Human Dermal Fibroblasts (HDF) were incubated with **AKOSKY™ ETERNAL** and exposed to UV irradiation. Western blotting was employed to quantify **Collagen I-III expression** through densitometric analysis using ImageJ software.



**AKOSKY™ ETERNAL stimulates collagen I & III synthesis,
resetting senescence for a renovated ECM.**

ANTIOXIDANT PROTECTION

Human Dermal Fibroblasts (HDF) were incubated with **AKOSKY™ ETERNAL** and exposed to UV irradiation. Western blotting was employed to quantify Superoxide Dismutase 1 (SOD-1) expression through densitometric analysis using ImageJ software.



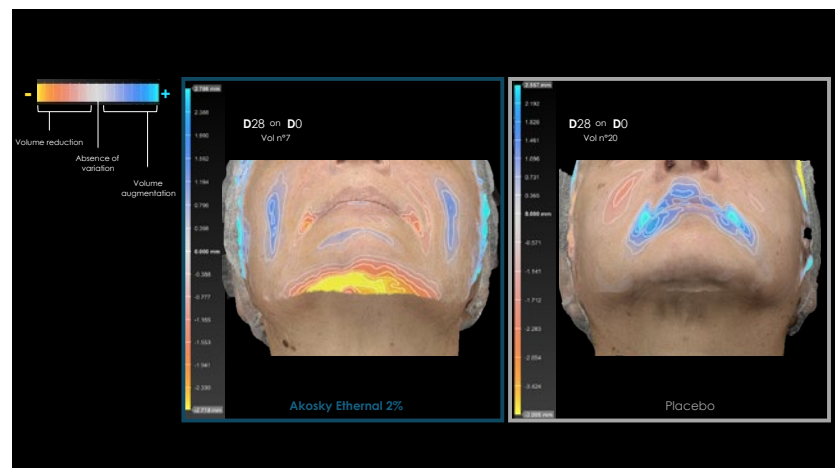
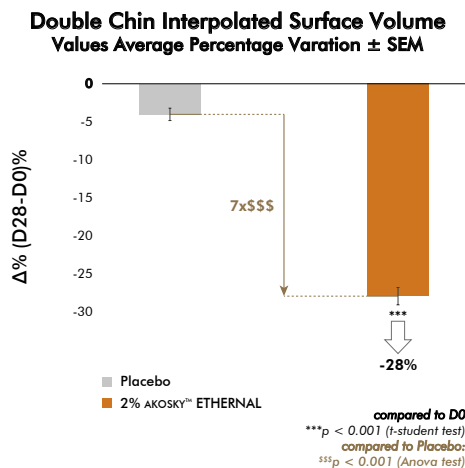
AKOSKY™ ETERNAL
Boosts SOD levels to
neutralize oxidative stress

CLINICAL STUDY

Randomized, double-blind, placebo-controlled clinical trial on 40 women aged 40 to 65 with sagging skin, dull complexion, and gravitational wrinkles. Twice daily applications on the face and neck for 28 days, with 20 volunteers using a placebo and 20 volunteers applying a gel containing 2% **AKOSKY™ ETERNAL**.

ANTIGRAVITY EFFICACY

Double chin interpolated surface volume Vectra H2 3D®

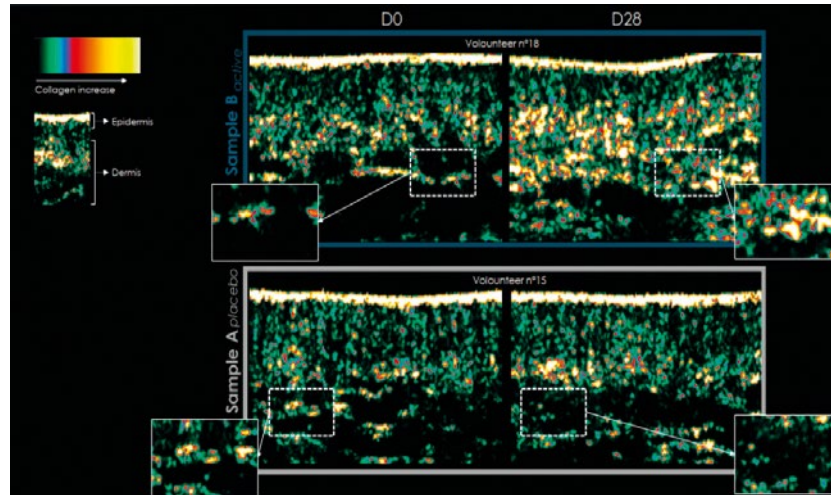
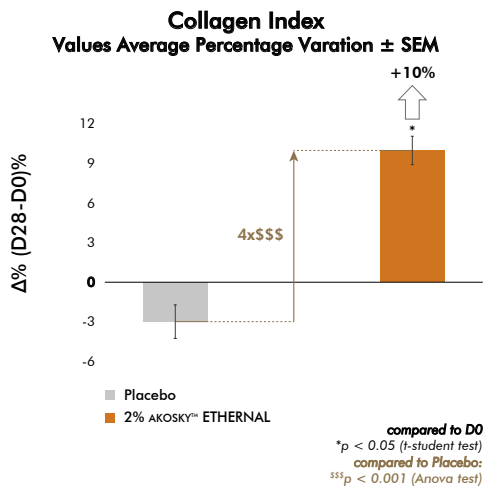


AKOSKY™ ETERNAL showed a statistically significant decrease in the double chin volume of **-28.0%** ($p < 0.001$, vs D0) while placebo of **-4.0%** (ns, vs D0). Efficacy 7-fold more than the placebo ($p < 0.001$).

Efficacy Evaluation

SKIN DENSITY

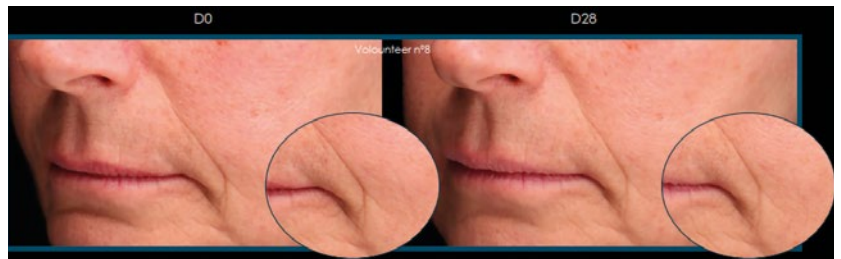
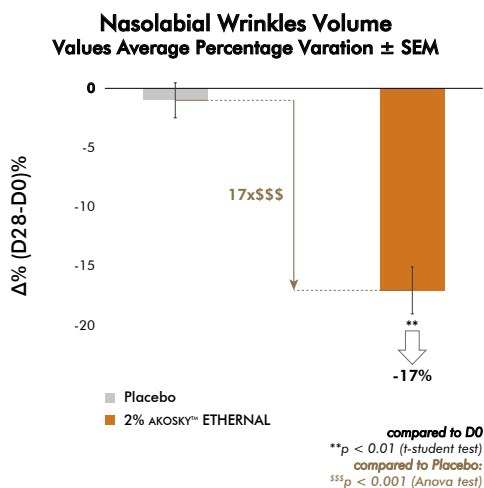
Collagen index DermalScan® UltraSound (Cortex Technology)



AKOSKY™ ETERNAL showed a statistically significant increase in Collagen Index of **+10%** ($p < 0.05$, vs D0) while placebo a decrease of **-3.0%** (ns, vs D0). 4-fold more than the placebo ($p < 0.001$).

SMOOTHS SURFACE IRREGULARITIES

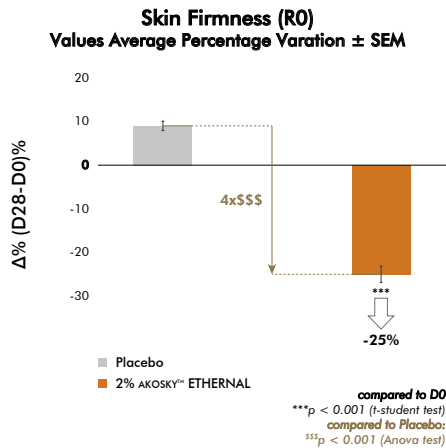
Nasolabial wrinkles VisioFace® 1000D



AKOSKY™ ETERNAL showed a statistically significant decrease in Nasolabial wrinkles volume value of **-17.0%** ($p < 0.01$, vs D0) while placebo a decrease of **-1.0%** (ns, vs D0). 17-fold more than the placebo ($p < 0.001$).

YOUTHFUL BOUNCE AND RESISTANCE

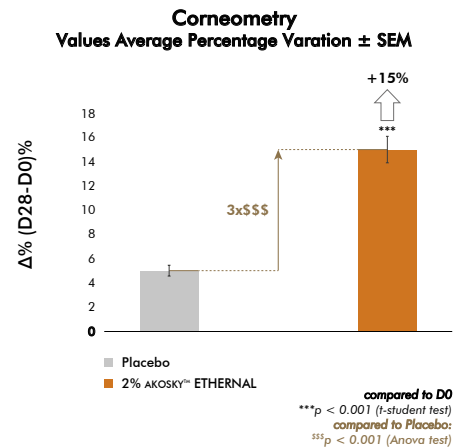
Skin firmness – R0 Cutometer® Dual MPA 580



AKOSKY™ ETERNAL showed a statistically significant decrease in R0 value of **-25.0%** ($p < 0.05$, vs D0) while placebo a decrease of **+9.0%** (ns, vs D0). 4-fold more than the placebo ($p < 0.001$).

SKIN HYDRATION

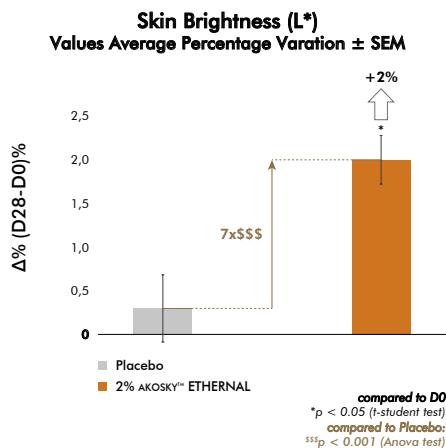
Corneometer® CM 825



AKOSKY™ ETERNAL showed a statistically significant increase in Corneometry value of **+15%** ($p < 0.001$, vs D0) while placebo of **+5%** (ns, vs D0). 3-fold more than the placebo ($p < 0.001$).

EVEN-TONED SKIN

Skin brightness – (L*) Skin Colorimeter® CL 400



AKOSKY™ ETERNAL showed a statistically significant increase in L* value of **+2%** ($p < 0.05$, vs D0) while placebo of **+0.3%** (ns, vs D0). 7-fold more than the placebo ($p < 0.001$).

CONCLUSIONS

The in vivo clinical evaluation confirms the efficacy of AKOSKY™ ETERNAL in redefining facial contours, reducing sagging, and restoring skin firmness. By boosting collagen, enhancing hydration, and improving luminosity, it shifts the Pyramid of Aging back into the Triangle of Youth, for a revitalized skin, remodeled from within.

PRODUCT INFORMATION

INCI name: Glycerin, Aqua (Water), Trigonella Foenum-Graecum Seed Extract

CAS number: 56-81-5 / 7732-18-5 / 84625-40-1

EINECS number: 200-289-5 / 231-791-2 / 283-415-1

REGULATORY: EU, USA, China, Japan

APPEARANCE: Clear yellow liquid

SOLUBILITY: Hydrosoluble

USE: 2%

PRESERVATIVES: Potassium Sorbate, Sodium Benzoate

FORMULATION TIPS: The product is liquid and easy to use

SAFETY DATA: **AKOSKY™ ETERNAL** has been tested for skin tolerance and has demonstrated a good safety profile



COSMETIC PROPERTIES

SPROUT-ACTIVATED LONGEVITY:

Unlocks nature's most potent age-defying bioactives

SENESCENCE RESET:

Clears dysfunctional collagen for fibroblast renewal

SMART ECM REMODELING:

Balances collagen synthesis & controlled degradation for optimal skin renewal

ANTIOXIDANT POWERHOUSE:

Boosts SOD levels to neutralize oxidative stress

ANTI-GRAVITY EFFECT:

Lifts & redefines facial contours, reversing the pyramid of aging

APPLICATIONS

FACE AND NECK

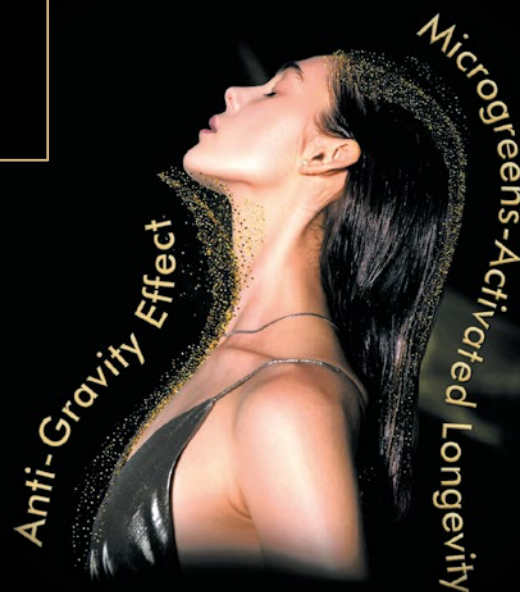
AGE DEFYING

ANTIOXIDANT BOOST

LIFTINGWRINKLE REPAIR

RESHAPE

INTENSE HYDRATION



AKOTT EVOLUTION S.r.l.

Via Privata Friuli, 24/26 - 20072 Pieve Emanuele (Milan) - ITALY - Tel. +39 02 4970 4032

www.akott.com - akott@akott.com