

AQIA
QUÍMICA INDUSTRIAL



PROLISS®
GOLD

The new generation of hair
Thermo-Realignment

THE EVOLUTION ON HAIR THERMO-REALIGNMENT

Second generation of ProLiss® 100, ProLiss® Gold was developed to achieve a natural smooth effect, reducing volume and maintaining health, shine and softness.

BENEFITS

ProLiss® Gold complies with ANVISA requirements for the pH requirement (minimum 2). Formulating with up to 30% ProLiss® Gold does not require pH adjustment and therefore does not require addition or stock of alkalinizers (some controlled). In addition, it reduces the process time in the industrial plant since there is no need for pH adjustments.

- Excellent anti-frizz action
- Reduced volume of rebellious hair
- Gradual and progressive alteration of the structure of all types of hair
- Natural movement to the hair
- Brightness
- Softness
- Smoothness
- Natural smooth effect

USE INDICATION

The percentage of recommended use of ProLiss® Gold in hair care formulations, progressive brushes and defrisantes in the most diverse forms (creams, fluid emulsions or cream-gel) is 4% to 30%, depending on the expected effect.

CAUTION!

¹When using products containing ProLiss® Gold, do not apply the product to the scalp if it is irritated or injured. For damaged hair is always up to a professional hairdresser's evaluation before the application. We recommend to perform the hair strand test.

STRAIGHTENED / COLORED / DECOLORED HAIR

ProLiss®Gold is compatible with all hair transformation processes and can be applied to hair that has already undergone smoothing, coloring and/or discoloration.

In all cases, it is recommended to perform a hair strand test, including reapplications.

Greater
Convenience

Does not
release
irritant
vapors

Can be in
contact
with the
scalp¹



100% Safe



100% Effective



0% Formaldehyde



0% Glutaral

FORMULATION

FLUID FOR HAIR THERMAL-REALIGNMENT

PHASE	COMMERCIAL NAME	INCI NAME	%
A	SoftCAT SX 1300X	Polyquaternium-67	0,30
A	Demineralized water	Aqua	20,00
B	Demineralized water	Aqua	Q.S.P. 100
B	Lipex Shea Q 50	Shea Butteramidopropyltrimonium Chloride	1,00
B	Polímero W-25	PEG-90M	4,00
C	Sunquart TMS	Behentrimonium Methosulfate (and) Cetearyl Alcohol	5,00
C	Lipex Shea W	Shea Butter Cetyl Esters	1,00
C	Polymol IPP	Isopropyl Palmitate	0,70
D	Silicone DC 9027*	Cyclopentasiloxane (and) Dimethiconol (and) Dimethicone Crosspolymer	2,00
E	Zonem MI	Methylchloroisothiazolinone/Methylisothiazolinone	0,08
E	ProLiss® GOLD	Glyoxyloyl Carbocysteine (and) Glyoxyloyl Keratin Amino Acids (and) Water	30,00
E	Essência Shine Hair SCE-221116**	Parfum	0,50
E	Hydra-Sil	Silanetriol (and) Panthenol	2,00

Preparation Method

Heat phase A at 40 ° C for 5 minutes and homogenize well.

Heat phase B to 80-85 ° C and mix.

Heat phase C to 80-85 ° C and mix. Add the A phase to B. Homogenize.

Under constant stirring, add the A / B phase over to phase C and stir for 10-15 minutes.

While stirring, cool to 60-65 ° C, add the phase D item and mix well. Cool to 40-45 ° C, add the phase E items and homogenize well after each addition.

Specification:

Aspect:	Fluid Liquid
Color:	Lightly yellowish
pH:	2,00 - 2,30
Density:	1,00 - 1,05 g/cm ³
Viscosity (Brookfield DV-I Prime):	920cPs / 30RPM / S62

*Dow Corning
**Scentec



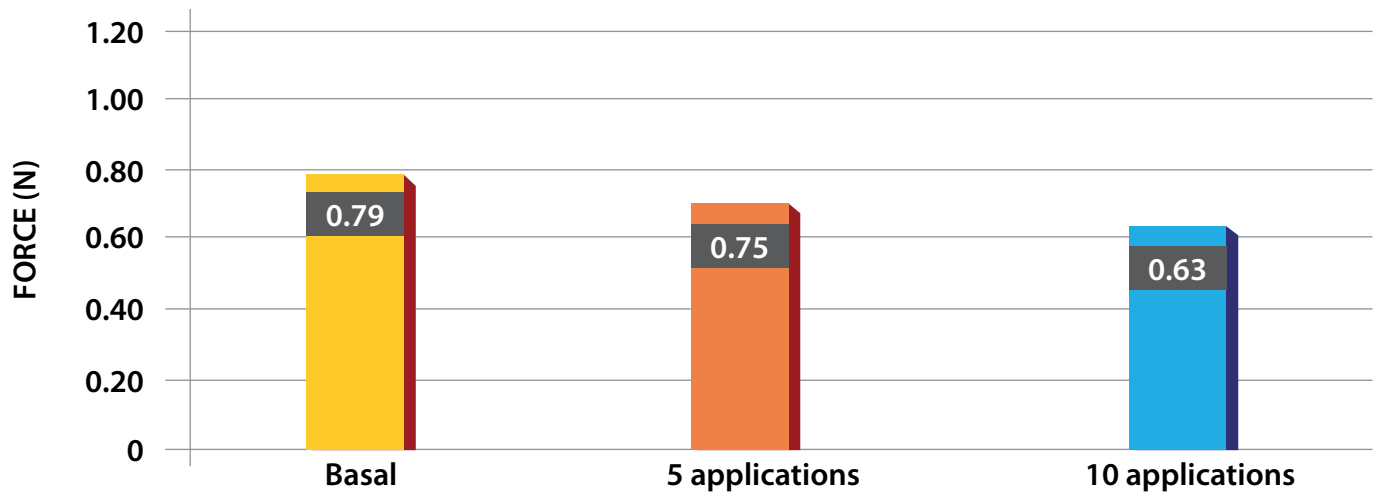
APPLICATION PROTOCOL

- Wash hair with anti-residue shampoo.
- Remove excess water from the hair with a towel.
- Dry the hair thoroughly with a hairdryer.
- Apply the product with a brush over the entire length of the hair.
- Take a break for at least 15 minutes.
- Dry the hair with a dryer.
- Lay thin strands between 200 ° and 230 ° over the entire length of the hair, at least 5 times.
- Take a 15-minute break.
- Rinse the hair. If necessary wash the hair. Condition and rinse.
- Remove excess water from the hair with a towel.
- Dry the hair with a hairdryer.



TESTS

EVALUATION OF MECHANICAL RESISTANCE OF HAIR FIBERS



Results of force of rupture, F (N). Average \pm standard deviation

- Standardized strands: wavy caucasian hair.
- Product containing 30% Pro.Liss® Gold by weight in the formulation.
- Application protocol as previously suggested.
- Determination of reference readings in the 5th and 10th application.

RESULTS:

5% decrease in strength of hair breakage after 5 applications;
21% decrease in strength of hair breakage after 10 applications;
(Compared to basal hairs)

According to Robbins, hair submitted to permanent treatments, smoothing or bleaches (based on hydroxides and thioglycollate), show a fall of up to 20% of the force soon **after the first application**. According to the literature, for alkaline straighteners, the decrease in breaking force is accentuated by multiple applications, reaching a 50% decrease in breaking force after 5 consecutive applications.



HAIR TREATED WITH PRO.LISS® GOLD PH = 2



Untreated hair



Hair treated with Pro.Liss® Gold at 20%
(pH = 2.0)



Untreated hair



Hair treated with Pro.Liss® Gold at 20%
(pH = 2.0)



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GOLD

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