



BCN PEEL #02

Anti-Ageing

BCN PEEL #02 - Anti-Ageing has been developed to restore the skin's elasticity and luminosity, as well as to remove fine wrinkles on the face. The **rejuvenating and anti-ageing effect** of **BCN PEEL #02** is achieved through the combined action of **two AHAs, glycolic acid and mandelic acid**.

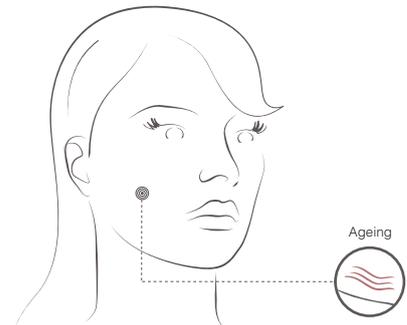
The first, with a **high level of penetration**, prepares the way, as its **keratolytic action** promotes exfoliation of the top layers of the stratum corneum, **stimulates cell renewal, increases hydration levels** of the epidermis and strengthens the **natural barrier function of the skin**. The second, with the way opened by the reduction of the stratum corneum, reaches the correct place to carry out its action of **increasing synthesis of collagen, elastin and glycosaminoglycans** in the papillary dermis.

This is the **anti-ageing peel** par excellence and gives great results as a general exfoliant for all areas of the body where the passage of time is more evident: **face, cleavage and neck**, as well as **elbows, knees and feet**.

 Bottle | 50 ml | 1,75 fl.oz.

INDICATIONS

- Dry skin with cutaneous photoageing.
- Dull skin lacking radiance.
- Skin prone to wrinkles.
- All types of skin, as an occasional additional treatment to the usual anti-ageing treatments.
- Areas with a special tendency to show ageing: face, cleavage and neck, as well as elbows, knees, feet and other dehydrated areas.



ACTIVE COMPONENTS

Mandelic acid	20%
Glycolic acid	30%
pH	1,5 – 2,5

RESULTS

- **Improves** the appearance of **superficial wrinkles** caused by **exposure to the sun**.
- **Repairs** other **damages** caused by excessive exposure to the sun.
- Stimulates **epidermal renewal** and increases the thickness of the deepest layers of the skin.
- **Deeply cleanses the pores** and removes dead skin cells.
- Normalises keratinisation and **softens rough skin**.
- Stimulates the synthesis of collagen and elastin.
- **Evens out** skin tone making it more uniform.
- **Hydrates**.

The result is skin which is **softer to the touch**, with a **more even tone, smooth texture, skin granulation is improved and imperfections**, especially **small wrinkles, disappear** giving skin a younger, healthier and more natural appearance.

DETAILED INFORMATION

PHOTOAGEING

Photoageing is the premature deterioration of the skin due to excessive exposure to ultraviolet light, and it manifests itself by the **appearance of wrinkles** and **discolouration of the skin**, either lightening or darkening, normally in the form of patches.

As well as **dryness** which occurs as the most immediate indication, it also causes the **appearance of wrinkles and crow's feet, dilated or broken small blood vessels** near the surface of the skin (**telangiectasia**), **cutaneous atrophy**, irregular thinning of the skin, **elastosis** (flaccidity), grooves, brown spots, also called *liver spots* or *age spots*, **actinic keratosis** (scaly patches with a high risk of turning into skin cancer) and **actinic purpura** (long-term alterations to the collagen in the skin).

In normal conditions, the fibres of the dermis, the deepest layer of the skin, are arranged in an ordered manner and their function is to provide elasticity and resistance to the skin. In photo-aged skin this pattern is altered and the fibres appear fragmented, swollen and grouped in a disordered manner. This results in skin that is **hyperpigmented, rough and dull with hyperkeratinisation**, that is, with an accumulation of dead cells on the surface which slows down the process of cell renewal.



BCN PEEL #02 ACTION ON PHOTOAGEING

The principal components of **BCN PEEL #02** are two alpha hydroxy acid chemical exfoliants:

- **Mandelic acid** which is extracted from bitter almonds.
Its molecular structure, larger than that of other AHAs, means that it penetrates the stratum corneum more slowly and requires longer exposure time to achieve its effect, which explains why it does not create irritation or itching on the skin.
Its main actions are:
 - An increase in the synthesis of collagen, elastin and glycosaminoglycans in the papillary dermis.
 - Anti-microbial action.
- **Glycolic acid**, derived mainly from sugar cane.
Great power of **penetration** through the epidermis because of its small molecular size. Its **keratolytic** action helps exfoliation of the upper layers of the stratum corneum. **It stimulates cell renewal**, promotes the synthesis of glycosaminoglycans, increases the **moisture levels** in the epidermis and strengthens the **natural barrier** function of the skin. It improves the penetration of other acids.

The synergy of the two components of **BCN PEEL #02**, due to the **glycolic acid**, in the first instance, is able to remove the layer of accumulated dead cells and make it possible for the **mandelic acid** to act on the deepest layers of the skin, where essentially, it stimulates the synthesis of glycogen and elastin.