



## Filtabac<sup>®</sup> UK: Product Specification

- A. BARRIER PROTECTIVE COVER
- B. ANTI-BACTERIAL
- C. TOTAL SUN BLOCK

### A. BARRIER PROTECTIVE COVER.

The Barrier Protective Cover needs to exhibit the following features when applied to damaged skin areas:

1. **Smooth application** with minimum stress.
  - a. Filtabac<sup>®</sup> UK Cream forms a smooth film and is extremely spreadable with minimum surface pressure.
  - b. Visible coating can be applied thickly or thinly to suit conditions.
2. Be **non-reactive to damaged skin** areas:
  - a. Filtabac<sup>®</sup> UK has a pH 6.7 - 7.5 being tissue compatible to neutral.
  - b. The high absorbency factor of Titanium dioxide and combined with the Zinc oxide allows natural take-up of serum and discharge from damaged skin areas.
3. **Barrier coating** must be **inert to living tissue** both damaged and intact.
  - a. Filtabac<sup>®</sup> UK Cream normally does not need to be removed before cuts are sutured.
  - b. Cover application of Filtabac<sup>®</sup> UK Cream will minimize exposed tissue cells from dehydrating and dying. Marginal cells of a laceration will remain living for an extended period of time when coated with Filtabac<sup>®</sup> UK Cream as a barrier.
4. **Skin Transpiration** factors must be maintained.
  - a. The continuous aqueous phase of the Filtabac<sup>®</sup> UK Cream combined with the dense filming action of Titanium dioxide allows aqueous transfer and transpiration for the covered area, promoting moist wound healing.
  - b. The oil balance in Filtabac<sup>®</sup> UK Cream is critical for the protection of the lipid structure of the covered tissue.
5. **Adhesion** of the Cream cover to applied areas of skin.
  - a. Filtabac<sup>®</sup> UK Cream, with a medium dense coating, will withstand average to bad weather conditions for up to 3 days.
  - b. Filtabac<sup>®</sup> UK Cream is easily and painlessly removed using mild soap or antiseptic liquid in warm water. Clean and pat dry before re-applying Filtabac<sup>®</sup> UK.

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## 6. **Integrity** as a **Barrier Cover** of the FiltaBac<sup>®</sup> UK Cream.

To minimize the contamination of FiltaBac<sup>®</sup> UK Cream (especially when applied to difficult to clean or dirty skin areas) the **preservative function** of the cream is maximized by the synergistic combination of Bronopol BP and Dichlorobenzyl Alcohol (DCBA).

This alleviates and prevents the growth of yeasts and moulds and lessens the invasion of pathogens.

### **B. ANTI-BACTERIAL**

Cetrimide BP is the anti-bacterial agent. It is non-reactive to the skin and tissue.

The presence of Titanium dioxide maintains the anti-bacterial cover while the barrier coating is in place.

### **C. TOTAL SUN BLOCK**

FiltaBac<sup>®</sup> Cream is a total sunblock when a visible cover coating is in place. The cream may be applied to any skin area. Re-apply when filming (white) is not visible.

The combination of Titanium dioxide and Zinc oxide are **reflective** and are **not absorbed**. The SPF (Sun Protection Factor) and UVA/UVB protection is maintained while the visible coating is in place.

**SPF:** 29 - 33 (FDA >15 = ultra protection)  
**UVA/UVB Ratio:** 0.92 (Category descriptor: > 0.8 = maximum)

### **SPECIFICATIONS of FiltaBac<sup>®</sup> CREAM UK:**

Active Ingredients:

Titanium Dioxide USP	17.0%
Zinc Oxide BP	5.0%
Cetrimide BP USP	0.1%

Form: Oil in Water Cream.

pH: 6.7 - 7.5  
SG: 1.18 - 1.2

Expiry: 36 months from date of manufacture.

Presentation:

Packs:	50g tubes	per outer = 30 tubes
	120g tubes	per outer = 30 tubes
	220g tubes	per outer = 25 tubes
	500g pots	per outer = 24 pots