

ALOE VERA

ALOE VERA FINISHING AGENT



Aloe: Aloe is a sap rich perennial plant with mucronate green leaves, which grow in the shape of a rosette and it has spired yellow flowers every spring. The word "Aloe" is derived from Alloeh in the Arabic meaning "bitter" or "shining substance".

The following benefits are widely associated with Aloe Vera, leading to its extensive use in wide range of products:

*Skin conditioning
*UV cut.

*Skin moisture conservation

*Anti-inflammation

*Injury cure acceleration

PROPERTIES

- **Appearance :** Light white paste
- **Main Ingredient :** Microencapsulated Aloe
- **Ionic Character :** Anionic
- **pH :** Weakly acidic
- **Solubility :** Easily soluble in water

APPLICATION

In Padding:

- **ALOE VERA :** 10 - 30g/l
- **ITOBINDER AG :** 50 - 80g/l
- **ITOSILICONE LJ88 :** 10 g/l
- **Drying :** 120°C for 1-2 min
- **Curing :** 150°C for 1 min

In Exhaustion:

- **Set bath at 30°C with goods circulating @ a liquor ratio of 10:1**
- **Add 3% of Pre diluted ITOFIX EZF**
- **Raise to 50°C and run for 25 minutes**
- **Drain bath, fill and give a 2 minute rinse with cold water, then drain again**
- **Fill bath & raise to 50°C, add well dispersed 1-3% ALOE VERA and run for 25 minutes**
- **Add well dispersed 5-8% of ITOBINDER AG (add softener as required)**
- **Run for a further 25 minutes**
- **Add softener as required in same or fresh bath.**
- **Run for a further 10 minutes if adding softener.**
- **Drain bath and unload**
- **Hydro extract goods**
- **Dry/Cure @ 150°C (temperature must not exceed 150°C)**

CHARACTERISTICS

1. Contains aloe vera for its widely accepted moisturising and other beneficial properties
2. Wash durable
3. Also available as ALOE DOWN, a microencapsulated ALOE VERA that also incorporates a floral fragrance and having the added benefit of making it easy to detect if the capsules are still present after washing

DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

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