



# KOHANTAJ

## **Kohan Algo Print 500**

Alginate printing paste developed for reactive printing.

### **Properties**

Appearance: Cream-brown powder

pH: 7

Viscosity (1%): 540 mpas

\* Kohan Algo Print 500 can be used of its pure form for single-phase reactive printing; also, it is suitable for all printing techniques and all fixation process. This product gives very high color yield and sharp and level prints and it can be added to printing paste directly.

### **Preparation of the stock paste**

2-3 gr **Kohan Algo Print 500** for 100 gr printing paste mixture will be enough to obtain reasonable viscosity. After adjusting alkali, urea and oxidizing agent, you can add water while stirring up to 1 lit then mix till 3-4 hours to complete swelling, after that the paste will be ready to use.

### **Recommended recipe for cotton**

Kohan Algo Print 500	20 gr/kg
Urea	100 gr/kg
Sodium bicarbonate	35 gr/kg
Ludigol KN	10 gr/kg
Soda ash	5 gr/kg

Time of fixation has been done for 7-12 min in saturated steam 105 C Temp.

### **Process of removal from fabric**

First bath: neutralizing with acetic acid and cold water

Second bath: 1 g/l DENRAW NBP 75°C

Third bath: 1 g/l BLUE WASH 60°C

Forth bath: cold water

### **Package**

**Kohan Algo Print 500** is supplied in 25 kilo bags.