

## PROFAZYME 53P

<b>PRODUCT TYPE :</b>	High strength stonewashing enzyme powder.	
<b>CHEMICAL COMPOSITION :</b>	Engineered cellulase enzyme containing buffers and anti-redeposition agents.	
<b>APPEARANCE :</b>	Brown / Beige Powder.	
<b>SOLUBILITY :</b>	Disperses in water.	
<b>pH @ 20°C :</b>	Optimum pH 6.0 - 7.0 (self - buffering)	
<b>TEMPERATURE :</b>	Optimum temperature 55°C - 65°C.	
<b>APPLICATION :</b>	<p><b>PROFAZYME 53P</b> is ideal for stonewashing a wide range of fabrics, producing a greyer finish. It is economical in use and gives goods level ness, free from crack marks.</p> <p><b>PROFAZYME 53P</b> has been specially formulated to give minimal back staining and clean pocket linings. For optimum results sized fabric should be desired prior to stonewashing.</p> <p><b>PROFALASE LIQ.</b> ensures complete and level removal of starch, PVAs, lubricants and alkali before stonewashing.</p>	
<b>AMOUNT TO USE :</b>	<p>Normally between 0.5 - 2.0% owg          This concentration can be reduced if stones are used          Stoning time between 30 and 60 minutes.</p>	
<b>TYPICAL PROCESS :</b>	<b>MACHINE</b>	200lb load. Open pocket or barrel.
	<b>LOAD</b>	40 - 50 kg fabric.
	<b>LIQOUR RATIO</b>	6 : 1
<b>Desize</b>	1 - 2% owg	<b>PROFALASE LIQ</b>
	0.5 - 1%owg	<b>PROFACTAN CAF</b>
	Time	10 - 20 minutes
	Temperature	40 - 65 °C
	pH	6 - 7
	Rinse	1 x 5 minutes at 40°C.

<b>Enzyme</b>	0.5 - 2.0% owg	PROFAZYME 53P
	0.5 - 1%	PROFACTAN CAF
	Time	30 - 45 minutes
	Temperature	55 - 65 °C
	pH	6 - 7

**Rinse** 2 x 5 minutes at 40°C.  
Wash off (Garments may be bleached to required shade at this stage.)

**For washing off use :**

0.5 - 1%	PROFACTAN WL1
Time	5 - 10 minutes
Temperature	40 - 50 °C
Rinse	2 x 5 minutes at 40°C.

**Softening** Goods can be finished using PROFASOFT, PROFASIL or PROFASILK