Wet End - Process Formulation (RETAN)

| T | FL |
|---|----|
| | |

| Nu, 30 TOUCAN WET END.xlsx | | Date: | 27-Feb-2023 | |
|----------------------------|----------------------------|--------------|----------------|--|
| | | Technician: | Mirko Vitalini | |
| Company: | TFL | | | |
| Type of Leather: | Shoe Upper & Leather Goods | Trial - N°: | 19909 | |
| Aim of Trial: | | Color: | TPX 15-1054 | |
| | | Piece count: | 6 Sides | |
| Project - N°: | TOUCAN | Substance: | 1,6-1,8 | |
| Material: | SPANISH CALVES | Weight: | 21,000 kg | |
| % refer to: | Shaved Weight | Drum - N°: | | |

| Operation | Add | % | Weight in kg | Product | Temp. in °C | Dilution (1 : x) | Time in min | Control |
|------------------------|-----|--------|-----------------|-----------------------------------|----------------|---------------------|----------------|---------|
| | | 200,00 | 42,000 | Water | 35°C | 10' | | |
| | | 200,00 | 42,000 | Drain | 00 0 | 10 | | |
| | | | | | | | | |
| | | 100,00 | 21,000 | Water | 30°C | 001 | | DI 47 |
| | | 1,00 | 0,210 | TANIGAN PAK | | 20' | | Ph=4,7 |
| | | 7,00 | 1,470 | LEUKOTAN 1093 | | 60' | | Ph=6,3 |
| | | 5,00 | 1,050 | SELLATAN FB Liq. | | | | |
| | | 10,00 | 2,100 | TANIGAN FA-O Liq. | | | | |
| | | 5,00 | 1,050 | SELLASOL MI | | | | |
| | | 5,00 | 1,050 | SELLATAN AG Liq. | | | | |
| | | 2,00 | 0,420 | TANIGAN RFS | | 60' | | |
| | | 0,50 | 0,105 | BORRON NF | | | | |
| | | 2,00 | 0,420 | SELLAFINE WHITE T | | | | |
| | | 3,00 | 0,630 | SELLA FAST YELLOW 4 GL | | | | |
| | | 0,20 | 0,042 | SELLA FAST RED A | | 180' | | |
| | | 150,00 | 31,500 | Water | 50°C | 10 | | |
| | | 6,00 | 1,260 | LEVOTAN PS | | | | |
| | | 2,00 | 0,420 | LEVOTAN WS | | 60' | | |
| | | 2,00 | 0,420 | Formic Acid | | 30' | | |
| | | 2,00 | 0,420 | Formic Acid | | 40' | | Ph= 3,6 |
| | | · | | Drain | | | | · |
| | | 200,00 | 42,000 | Water | 20°C | | | |
| | | , | • | Drain | | | | |
| | | | | | | | | |
| | | | | SettinG Out, Vacuum Dry 45°C 240' | | | | |
| | | | | Hang Till dry | | | | |
| | | | | BIO CONTENT= 35% | | | | |
| | | | | SALINITY= 1,7X 100Kg | | | | |
| | | | | BPS/BPF = 71 ppm | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| flechanical Operation: | | | | Process Information: | | | | |
| | | | | | | | | |

Running Time:

Our application recommendations are in line with our present state of knowledge. They do not, however, exempt the customer from performing his own tests to determine the suitability of the supplied products for their intended purposes. Application of the products lies outside the scope of our control and therefore comes within the customer's sphere of responsibility. We guarantee the satisfactory quality of our products subject to general terms of sale and delivery.

Above data are based on the current state of knowledge. However, buyer is not released from his obligation to examine the material on receipt. Seller makes no warranty of merchantability or fitness for practical use or

application.