

SCHUTZENCOAT-SUBLIME



SCHUTZENCOAT-SUBLIME is a sustainable, bio-based coating additive which is used for direct to textile printing with dye sublimation inks or also known as Thermal transfer paper or sublimation paper

- ✓ SCHUTZENCOAT-SUBLIME is a high molecular weight polymeric system which is a high solids additive in powder form.
- ✓ It exhibits excellent hydrating properties.
- ✓ The coating procedure allows for a smooth, even & sharp transition of the ink on to the direct textile substrate.

- ✓ It also enhances the colour brilliance and dept of shade especially with critical colours like black.
- ✓ SCHUTZENCOAT-SUBLIME is compliant with OEKO-TEX standard 100 & GOTS
- ✓ It is best utilized to hydrate at neutral pH followed by addition of citric acid only after full hydration is achieved. It may be used in Opaque formulations.



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APPLICATION TECHNIQUE

Recommended recipe/dosage:

PRODUCT NAME	DOSAGE
SCHUTZENCOAT- SUBLIME	6-8%
Citric acid	To pH about 6.0
Water	Upto 100%
TOTAL	100%

COATING ON KISS ROLL APPLICATION

Paper Roll: GSM approx 85 to 90

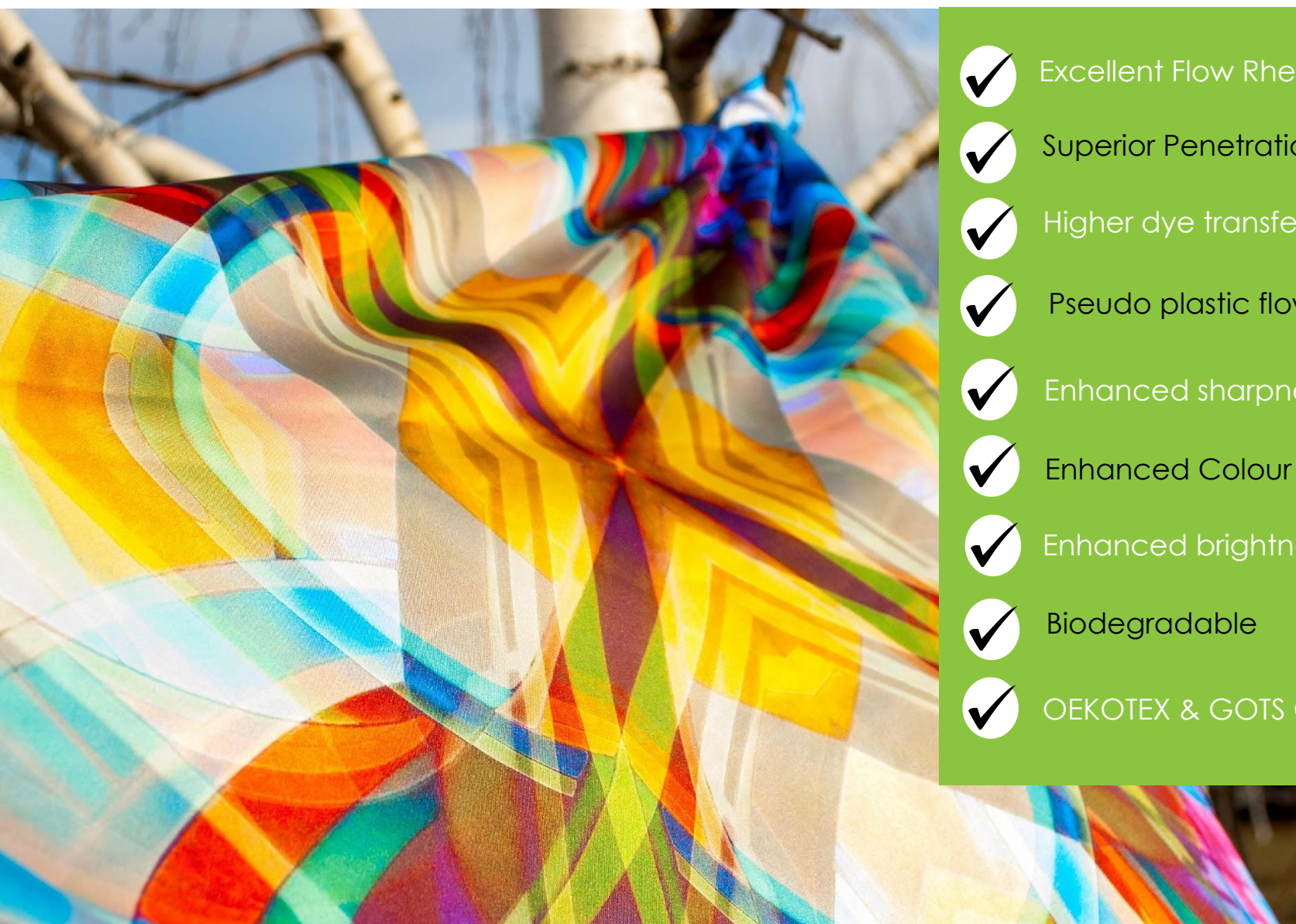
Maintain Dry deposition 7 GSM between 100 to 120 °C

[Paper Ready for Sublimation print]

11 chamber drying machine, and temperature setting as:

Chamber 1	90 °C
Chamber 2	110 °C
Chamber 3	120 °C
Chamber 4	130 °C
Chamber 5	140 °C
Chamber 6	150 °C
Chamber 7	140 °C
Chamber 8	130 °C
Chamber 9	120 °C
Chamber 10	110 °C
Chamber 11	90 °C

KEY FEATURES OF SCHUTZENCOAT-SUBLIME



- ✓ Excellent Flow Rheology
- ✓ Superior Penetration control
- ✓ Higher dye transfer rate percentage
- ✓ Pseudo plastic flow properties
- ✓ Enhanced sharpness
- ✓ Enhanced Colour depth
- ✓ Enhanced brightness
- ✓ Biodegradable
- ✓ OEKOTEX & GOTS COMPLIANT

PARAMETER	SCHUTZENCOAT-SUBLIME
Appearance	Off White powder
Character	Anionic
pH in water	Neutral
Viscosity @8 (%) (Brookfield) (20 Degree Celsius, 20rpm)	Ideal for coating application
Solubility @Room Temperature (20 Degree Celsius)	Yes