



SUBLISTAR IDRA BS

Code N° 408065

PRODUCT DESCRIPTION

Water-based binder for the realization of screen sublimation printings

APPLICATION FIELDS

Screen printing onto paper, for the realization of sublimation transfers. Mainly for textile field.

APPLICATION PROCESS

Substrates	Paper (basis weight 120-140 g/m ²)
Th/cm	140 Th/cm
Emulsion	<ul style="list-style-type: none"> • ZERO - IN ASTRA • ZERO - IN KS 200
Squeegee	Square edge Squeegee hardness, depending on the desired effect
Drying	<ul style="list-style-type: none"> • Room temperature • 35-50°C into air oven
Thinner	In case, max 5% Water
Thickening agent	In case, max 2% TEXILAC ADDENSANTE 346 NEW
Retarder	In case, max 10% RITARDANTE 448
Pigments	SUBLISTAR BASI EURO (Max 30%)
Cleaning	Water
Storage	<ul style="list-style-type: none"> • Away from direct sunlight • At a temperature between 15-35°C • This product doesn't stand intense cold
Package	5, 20 and 1000 litres
Safety Data Sheet	Available upon request

TRANSFER CONDITIONS

MATERIAL	TEMPERATURE	TIME
Polyester	210°C	30-40 sec
Polyamide 6	190°C	30-40 sec
Polyamide 6,6	200°C	30-40 sec
Triacetate	195°C	20 sec
Acrylics	195°C	20 sec

Transfer hot, both with flat press and calender. For times and temperatures, see the above table, which is merely an indication. It is recommended to do preliminary tests, in order to establish the right transfer time and temperature.

GENERAL FEATURES

- **Excellent printability, both through automatic and semi-automatic systems, particularly indicated for multicolour line printing**
- Quick drying of the product and no blocking when stacked
- High self-solvency during printing
- Excellent colour performance and shade stability
- Limited distortion of the printed paper, to the advantage of a precise printing register
- **Very high adhesion power during the transferring process onto different fabrics (VERY HIGH TACK)**

PREPARATION:

Mix the product with the sublimation dyes of the series **SUBLISTAR BASI EURO**, in the maximum quantity of 30% (see the technical data sheet Basi Euro).

It is possible to dilute this product with water in the maximum percentage of 5%.

Use, only if it is necessary, **RITARDANTE 448**, in the maximum quantity of 10%.

In order to increase the product viscosity, use **TEXILAC ADDENSANTE 346 NEW**, in the maximum quantity of 2%.

APPLICATION:

Use a 140 Th/cm screen and print onto a good quality paper with a basic weight between 120-140 g/m².

DRYING:

SUBLISTAR IDRA BS may be dried both at room temperature and into air oven at a temperature of 35-50°C.



SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check drying conditions; the possible addition of additives may require longer drying times.
- It is recommended to do preliminary tests, in order to determine the right transfer time and temperature.

EQUIPMENT

Indicated for printing with automatic, semi-automatic or manual machines.

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.