



Solvent, epoxy based, two-components screen-printing ink. Suitable for the decoration of ferrous metals, aluminium, glass, polyethylene –polypropylene and all chemical-resistant substrates. High chemical-mechanical fastness.

Chemical-physical features:

- Outstanding adhesion on chemical-resistant materials (iron, aluminium, glass, and all ferrous metals)
- Optimal adhesion on treated polyethylene and polypropylene
- Excellent mechanical fastness
- Heavy metals free
- Complying to EN71/3, 2019-2021 release

Instructions for use:

Mix thoroughly before use. Add 25% UNICAT Catalyst just to the quantity of ink you need to use.

Mix again and add 10-15% thinner in order to reach the proper printing viscosity.

POT-LIFE:

Catalysed product can be used for max. 8 h. It is no longer possible to use the product after such period of time

Screens and Yield:

Depending on applications it is possible to print UNICAT with 100 -140 th/cm screens
Yield: with 120 th/cm screens it is possible to print about 40-50 m² per KG

Drying and curing:

1 h after printing it is possible to handle the printed item.
Complete curing is achievable in 48-72 h at room temperature.

In warm air dryer the following parameters are recommended:

Minutes	Temperature in °C
40'	80°C
20'	120°C
10'	140°C
2'	180°C

Cleaning:

Clean all tools with appropriate solvents: washing solvents 113 and 302 (see specific technical data sheet)

Products range:

- Ready for use colours:

Transparent 01, special transparent 02, satin transparent 05, rough effect 06, white 10, lemon yellow 20, orange 30, red 40, carmine red 42, magenta 44, violet 50, blue 56, royal blue 57, bright green 60, green 62, black 80, rich gold 89, pale rich gold 90, pale gold 91, silver 95

- Process colours:

Pasta gel 04, yellow 29, magenta 49, cyan 59

- Catalyst:

- Catalyst 09
- Catalyst V/A 03 (glass&steel)
- Retarder Catalyst 08



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Auxiliaries:**Thinners:**

- THINNER 201 R (fast)
- THINNER 202 M (medium)
- THINNER 203 LENTO (slow)
- THINNER 204 Retarder
- UNIVERSAL THINNER 399

Solvents:

Washing solvents 113 and 302

Storage:

Protect from extreme temperatures.
It is recommended to keep the original closed container in a dry and dark place.

Shelf life: 12 months

Packing:

Metal containers: 1 - 5 - 20 KG
Metal container for catalysts: 0,250 - 1 KG
Metal containers for thinners and solvent:
1 - 5 - 20 L

NOTE

Our technical advice whether spoken, written or through test trials corresponds to our current knowledge and provides information about our products and use. ENGLER ITALIA cannot, however, guarantee the finished results because ENGLER ITALIA exercises no control over those factors which may determine the use and application of the product at the user's headquarter.

Unless specifically agreed in writing, ENGLER ITALIA is not, therefore, liable for any loss or damage deriving from an unauthorized use of the product.

The selection and testing of the product is exclusively user's responsibility. Should any liability claim arise, they shall be limited to the value of goods delivered by ENGLER ITALIA and utilised by user with respect to any and all damages not caused intentionally or by gross negligence