



Solvent, nitrocellulose based screen-printing ink. Matt finishing and extraordinary physical adhesion on chemically resistant substrates, like: pre-treated polythene and polypropylene, melamine resins, metals, glass and many more.

Chemical-physical features :

- Excellent physical adhesion on difficult substrates: pre-treated polythene and polypropylene, melamine resins, metal, glass
- Extraordinary adhesion on non-treated polypropylene by adding Additive Polyflash
- Matt finishing
- Over-printable
- Heavy metals free
- Compliant to EN71/3, 2019-2021 release

Instructions for use:

Mix thoroughly before use.

To obtain metalized effects it is recommended to follow the underneath listed instructions:

- 1 KG ink + 250 g gold powder
- 1 KG ink + 150 g silver powder

When needed, add Polyflash Additive: 200 g per each 1 KG of ink.

It is possible to improve chemical fastness by adding 5% HARDENER CONC. 09

Screens and Yield:

Depending on application it is possible to print POLYBOND with 100 - 150 th/cm screens.

Yield: depending on colour, with 120 th/cm screen it is possible to print about 30-40 m² per KG

Drying and curing:

At room temperature it takes about 10-15 min. for drying and curing. Nevertheless it is possible to accelerate the process by means of a warm air dryer and to obtain complete curing at 40-50°C in 20 sec, provided the features of substrate allow to use that temperature.

If mixed with ADDITIVO POLYFLASH or with INDURITORE CONC. 09, the drying time will be the same. It is recommended however to

carry out fastness tests after at least 12-24 hours.

Cleaning:

Clean all tools with appropriate cleaning solvents (see specific TDS)

Products range:

- Ready for use colours:
transparent 01, white 10, lemon yellow 20, orange 30, red 40, carmin red 42, magenta 44, violet 50, ultramarine blue 54, blue 56, royal blue 57, bright green 60, green 62, black 80
- Fluo colours:
Yellow fluo 220, orange fluo 230, red fluo, pink fluo 244, green fluo 260
- Process colours:
Pasta gel 03, yellow 29, magenta 49, cyan 59

Auxiliaries:

Additives:

- ADDITIVO POLYFLASH 202799
- HARDENER CONC. 09

THINNERS:

- THINNER 201 R (fast)
- THINNER 202 M (medium)
- THINNER 203 LENTO (slow)

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 cans: 1 - 5 - 20 KG

Metal cans for hardener: 0,100, - 0,250—1 KG

Metal cans for thinners: 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.