



Screen printing UV varnish with transparent glossy finishing, engineered for high thickness effect. It is suitable for porous, absorbent substrates and has got a high degree of thixotropy.

### **Key features and substrates:**

- Glossy finishing
- High reactivity
- Non yellowing
- **BENZOPHENONE, 4 METILBENZOPHENONE, EHA, EHDAB, ITX**
- **Compliant with EN71/3, 2019-2021 release**
- High thixotropy
- On absorbent substrates it remains on the surface

### **Instructions for use:**

Stir the varnish thoroughly before use.

### **Screens and yield**

Suggested screens: 120-165 th/cm  
To obtain high thickness effect use 80-100 micron thickness screens.  
Yield: about 80-90 m2 per Kg by means of 150 th/cm screen

### **Drying and curing:**

UV GEL TIXO 707 is a very reactive UV varnish. By means of Hg, 80-120 W/cm lamps curing speed will be approx. 20 m/min. By using a lower power light source it is recommended to reduce curing speed.

### **Cleaning:**

Clean working tools with suitable washing solvents, like 109 e 114 (cod. 181109 an cod. 18114)

### **Application:**

Particularly suitable for:

- Paper and cardboard
- PVC
- It is possible to print UV GEL TIXO 707 on other substrates too, provided adhesion tests are carried out before production

### **Auxiliaries:**

UV REACTIVE THINNER: it can be used to reduce viscosity.  
An excessive quantity of thinner will cause reduction of curing speed and will compromise surface hardness

UV ADHESION PROMOTER  
UV ADD. FLEX  
UV PHOTOINITIATOR HR

### **Storage and shelf-life:**

Protect from extreme temperatures and from direct sunlight.  
It is recommended to keep the original closed container in a fresh, dry and dark place.  
Shelf-life: 12 months.

### **Packing:**

UV Varnish in metal cans: 1 and 5 KG  
THINNER and washing solvents in metal drums: 1 and 5 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.

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