

C-PAD

Specially developed for plastic caps and closures

Compatible with all types of inkwell

Suitable for Rotary pad printing machines

APPLICATIONS

C-PAD is a satin/glossy one component pad printing ink designed for industrial and graphic applications on treated PP.

BENEFITS

This pad printing ink is characterized by an excellent adhesion.

Thanks to the high-covering pigments of C-PAD, less ink is needed to achieve outstanding printing results.

C-PAD is not suitable for out-door exposure.

THINNING AND DRYING

C-PAD printing ink should be adjusted before use to the required viscosity by adding the following thinners:

- THINNER H4144
- THINNER UNIVERSAL T-U
- THINNER UNIVERSAL 150

The complete drying time of at least 24h is required to obtain all final mechanical and chemical properties.

CLICHÉS & PAD-PRINTING MACHINES

C-PAD is compatible with all existing open or closed pad printing systems.

The curing system of C-PAD ink ensures an application in open and closed machines, if the ink's viscosity has been adjusted with the appropriate thinner.

Standard steel or photopolymer clichés can be used. An etching depth of 20-30 microns is recommended for optimum layer thickness.

C-PAD has been studied to be not corrosive, the ink ensures a smooth use with steel clichés.

Best printing results will be achieved with a pad reactivated by cleaning with a solvent such as an alcohol to remove residual silicone from pad's surface.

C-PAD is suitable for Rotary pad printing machines.

ASPECT

Satin/gloss finish.

LEVELLING AGENT

The additive ST155 will eliminate surface problems such as bubbles or pinholes, and will help reaching a smooth surface. Instruction: 0,5 to 1% maximum. Because of a large diversity of plastics, recycled materials and copolymers, we strongly recommend to carry out pre-production trials to assess suitability of C-PAD to the substrate.

CLEANING

The pad-printing ink C-PAD can be removed from printing blocks and working materials without any difficulty, using DUBUIT's standard cleaning solvent 93801.

SURFACE ENERGY

A uniform surface energy of at least 42 mN/m is required for a good adhesion. The substrate surface should be free of graphite, silicone, dust and residues of grease or similar substances (e.g. finger prints).

PACKING

1 kg



STORAGE

The C-PAD ink series are guaranteed to be stable in their original, unopened packaging; they have a shelf life of 12 months. Storage should be at a temperature between 15 and 25 °C (59-77 °F)

HEALTH AND SAFETY

The vast majority of printing inks and related products formulated by Encre DUBUIT contain no substances of very high concern. Our products comply with the requirements of Directives 2011/65/EU (RoHS 2), 2015/863/EU (RoHS 3) and 94/62/EC (heavy metal concentration levels present in packaging). For more information about our regulatory compliance, please consult our Eco System document, available on request.

C-PAD INK RANGE

ARTICLE DESIGNATION	REF.	CODE 1 KG - 1 L
C-PAD WHITE	5761	CPAD5761K
C-PAD WHITE	40432	CPAD40432K
THINNER		
THINNER H4144	H4144	D4144L
THINNER UNIVERSAL	T-U	DTUL
THINNER UNIVERSAL 150	150	D150L
ADDITIVE		
Levelling Agent	ST155	BDIV155K

COLOUR MATCHES AND TRANSPARENT SHADES:

Manufacturer on request

Encre DUBUIT guarantees the quality of our products. However, we cannot guarantee the final result, because we exercise no control over individual operating procedures. Our responsibility is limited solely to the exchange of ink or varnish. The quality of a substrate to be printed can vary, as well as an overprinted ink; therefore, the above information is given in good faith based on the state of our art and prior experience. This statement also applies to our technical assistance. When using our inks and varnishes on a new substrate or when changing operating procedures, we strongly recommend testing first a full-scale production to ensure compatibility. Please refer to our General Conditions of Sales.



Solvent-based Pad printing ink

**INDUSTRIAL MARKING
TDS REF. C-PAD - 06**

