
CRESA CLEAR CONC

Main Description: Synthetic thickener for pigmentary printing. Dispersion of an acrylic copolymer in mineral oil.

Technical specifications

Appearance 20/25°C	: Creamy liquid
Viscosity Brookfield HBT 20/25°C (Sp 3 at 520 rpm)	: 1580 - 1940 cps.

Properties

CRESA CLEAR CONC is very compatible with the auxiliaries, binders and pigments used in pigmentary printing, with or without mineral oil.

Thanks to its composition, it gives an excellent result in pastes without mineral oil, although the quantity to be used must be slightly higher.

Application

BASIC RECIPE

	Standard
Water.....	rest
Ammonia.....	2/3 g/kg.
CRESA CRYL 116 New or 126	120-200 g/kg.
CRESA CLEAR CONC	12/15 g/kg.
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TOTAL.....	1.000

ADVICE FOR THE PREPARATION OF THE PASTE OR EMULSION

1º.- Add the products in the described order, slowly if this is possible, and once **CRESA CLEAR CONC** is added, increase the speed till reaching 2.800 – 3.000 rpm. and the paste remains completely homogeneous.

2º.- The additions of **CRESA CLEAR CONC** must be made in the cone which is formed in the container when stirring, in order to guarantee a complete incorporation and dispersion.

ADDITION OF OTHER PRODUCTS

CRESA GAT E-RC

We recommend to always add it to the printing pastes or emulsions given that it allows to achieve a better surface levelling in all kind of machines and avoid the typical and known RAYÉ, in rotary machines.

CRESA CRYL

We have available a wide and varied selection of binders that can be used alone or mixed among them, depending on the desired requirements of fastnesses.

Concerning binders with stability to the "Decrolin" or "Arostit" , please consult with our Technical Department.

With regard to very soft binders to carry out printings with very

little handle and appropriate for raising, we also recommend to consult with our Technical Department.

After its application, we always recommend a drying followed by a polymerisation 5' at 150°C. depending on the cases.

ANTI-FOAMERS

Our universal product **ANTI-ESPUMANTE DF**, free of silicone, is optional, it is not necessary in all the cases. Only add in case of foam.

Be very careful if in the recipe is used a softener of "silicone oil" kind to improve the handle, given that in this case, we are obliged, in order to avoid possible stains, to use an antifoamer of silicon kind like our **ANTI-ESPUMANTE S-150**.

SOFTENERS

They are used when it is necessary to obtain a better handle, rubbing fastness and superficial levelling. Our recommended products are **CRESOIL MAC-30** and **CRESOIL SEC**.

RETARDING AGENTS OF THE DRYING

They are used when problems appear with regard to network obstruction of the textile printing cylinders and screens. In such cases, to avoid this, we have different options and recommendations depending on the cases.

CREBALUB 921-N and **CREBALUB G** are the appropriate products.

SPECIAL PRODUCTS FOR THE PROFILE AND DEFINITION OF PATTERN

They are used in small quantities by preferably reducing the quantity of thickener used.

If we work with WS, we recommend **CREGAT R-10**, if the paste is aqueous we recommend **CREGAT PK** always in small quantities.

Storage

Keep in a cool place (over 5 °C), in original containers well-closed.
The product is stable during 12 months.



Print Corex, S.L. guarantee his products qualities. However all the recommendations are done with out any responsibility because Print Corex, S.L. can not control the conditions of the applications.