

SERIE EURECO ECHV

TECHNICAL INFORMATION :

Application

A universal, easily applicable ink for stickers, elastic and hard PVC, ABS, forex, paper, cardboard, pre lacquer metals, banners, canvas, etc...

With addition of 5%hardener:also adhesion on polypropylene, priplack, biprint, ...

Aspect

Very brilliant.

Drying

Through the evaporation of the reducers, 6 minutes in open air. The stickers can be piled when leaving the tunnel.

Dilution

EC 1000 – QUICK REDUCER
EC 2000 – NORMAL REDUCER
EC 4000 – SLOW REDUCER
EC 5000 – SLOW REDUCER

EC 1000/4 -Reducer which improves adherence on some PVC materials, add 5% if you add more there is a risk of sticking after drying.

Average reducer quantity: +/-15%

Films

All solvent resistant films are suited.

Covering capacity

+/-40m² per litre, depending on the used screen.

Mesh

P 77-120

Storage stability

Unlimited.

Colours/products:

- All colours available
 - EC 60/146: fired red with extreme long outdoor light resistance, color shade is equal at nr 60.
 - EC 61/163: dark fire red with extreme long outdoor light resistance, color shade is equal at nr 61.
 - EC 91 Q: High opaque white with higher viscosity for absorbing papers and cardboard, but can also be use for PVC, stickers, ABS, Forex,...
- Aspect EC 91 Q: Semi gloss

Although the recommendations are based on the best available knowledge, no responsibility can be accepted that the information is sufficient or correct in all cases.

Version 01/2022

Behaviour at overprint

Excellent. No drying retardation, neither aspect differences.

Resistance to light and weather conditions

Excellent for all colours of this series.

Behaviour in a mixture

All the colours of the series can be mixed.

Complementary products

- Sharp compound EC 160. High tixotropic texture: ideally for screen work. Add 20 to 50%, according to the covering capacity.
- Transparent basis EC 150. In order to obtain fresher colours, diminishes the opacity and the light resistance.
- Overprint varnish: EC 1501 HG. High gloss varnish that gives a splendid brilliant film, when overprinted.
- Antistatic AS 1000. Is added at 5%, excludes the consequences of static electricity that often arise during the printing of synthetic materials.
- Gelretarder EC 170. Very efficient against desiccation, add 15 to 20% for the impression of fine details.
- Slow gelretarder EC 1702. The same as EC 170, but dries at a slower rate.
- 2 Types of hardener: HEC and HEC Slow: HEC slow add 5% if you have problems with adherence on special materials like PP with corona treatment, PP flametreated.

Difference between HEC and HEC slow:

HEC	HEC Slow
-After mixing into the ink the ink can be used for max 12 hours	-Longer pot life, after mixing ink can be used for max 16 hours.
-Faster adhesion in comparison with HEC Slow.Adhesion after +/- 24 hours.	-Slower adhesion, optimal adhesion after +/- 72 hours.
-Risk of yellowing in white/clear inks	-No risk of yellowing in white/clear colors.

Never reuse the inks after 24 hours after adding the hardener! Even if the inks looks still liquid the hardener destroyed the ink and this involves the adhesion and resistance.

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- MP 1000, Matting powder add 5-10%
- MP 3000: Thicking agent, add 1-3%
- EC 150/10: Matting paste, add unlimited, the more you add the more transparent the inks will become.
- In order to avoid the curling of the vinyl in case of declining impressions, (up to the border), a flexible reducer can be used (f.e. EC 2000 S).
- EC 150 UV: Transparent varnish to protect the underlaying colours more against the UV-light. It will give an extra light and weather resistance to the underlaying colours.

Remarks

- For the impression of priplack, we advise to add a 5% hardener HEC slow (can be obtained in 100 gr. packages). Or use our range POLYPRO TPP.
- The golden ECRG 120 is ready to use.
- The quadri colours are very well balanced (Europe series adapted to offset selection) and are especially suited for the finest screen works.
- The fluo colours have a limited light resistance. Preferably use P90T. Please dilute EC 130; 131, 132, 133, 134 and 135 with the special reducers EC 1300 or EC 1301

Always make a proof before you start the final work.

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