

## Heatset Web Offset Printing Range

The ever increasing demand set upon a Heatset Web printer of lower costs, improved efficiency and higher quality is a requirement further set on the supplier. Here at ECS we have taken such requirements on board and have formulated and formed a full range of products to help complement and support and Heatset Web Print house or supplier to such user.

The range has been developed to include a full range of automatic and manual washes, FOGRA certificate fount solutions, silicone emulsions, UV curable and Waterbased coatings for both in and off line application, silicone emulsions and other pressroom consumables.

### Pressroom Cleaners

Product	Aromatic (Yes/No)	Flashpoint	Evaporation Speed	Water Miscible	Fogra approved	Additional info
<b>C606 Elite 100</b>	No	>105C	Slow	Yes	-	VOC free 100 degree flashpoint
<b>C651 Elite 60</b> 	No	>61C	Medium/Slow	Yes	Yes	Non-aromatic quicker evaporating wash. FOGRA approved.
<b>C695 Biowash</b>	No	>112C	Slow	Yes	-	Contains both solvent and oils to further enhance the cleaning properties in heatset use.
<b>C511 Flash MRC</b>	No	-25C	Very fast	No	-	A powerful and fast evaporating cleaner designed specifically for cleaning the metering roller. Aromatic free.
<b>C280 All Purpose Plate Cleaner</b>	Yes	>61C	NA	Yes	-	A mild yet powerful plate cleaner designed for use on all plate types.

### Fountain Solutions and Consumables

Product	Description
<b>DM102 Elite JetStar</b> 	FOGRA approved for alcohol free Heatset web offset dampening systems of all kinds. VOC free.
<b>DM107 Remineraliser</b>	Water hardener for RO water to replace electrolytes lost in the purification of water. 0.5% gives ideal printing hardness of 8dH.
<b>DM250 System Cleaner</b>	Highly powerful and effective cleaning solution to be dosed and flushed through the dampening system to help clean out bacteria, algae etc. A vital ingredient to help maintain a sterile dampening system.

# ECS setting the standards in pressroom solutions



## Concentrates

In order to minimize export costs of importing we also do some of the main products in concentrate form, meaning the customer has the freedom to formulate themselves (or follow our guidelines), whilst reducing import costs and maximizing stock inventory.

Product	Description
<i>AD080 Elite 60</i>	60 DEGREE FOGRA approved medium/fast evaporating wash concentrate (concentrated C651) – add 90% D60 ideally.
<i>AD111 Elite 100</i>	VOC free 100 degree wash concentrate (slow evaporating), for web printing (concentrated C606) – add 90% D100.
<i>DM164 Elite Jetstar</i>	Heatset FOGRA approved liquid concentrate. Just mix 50:50 with distilled water to re-create our DM102 and does not require sophisticated mixing equipment.

## Coatings and Varnishes

Within the Heatset market there is always a demand for Waterbased and UV coatings, whether they are to be used for inline application on the web press or off-line application via secondary coater. ECS has the products!

Product	Description
<i>W530 High Gloss Heatset Web Emulsion</i>	A high gloss emulsion designed for in-line application over heat set inks. Provides excellent stability on press at high speeds.
<i>W104 Heatset Web Matt Emulsion</i>	A smooth matt emulsion with excellent leveling properties. Formulated to provide a hard surface and stable running.
<i>U724 Heatset Web Gloss Lacquer</i>	A fast curing, non-yellowing gloss varnished designed for in-line application. Its rapid cure makes it ideal for high speed. Due to the nature of the formulation this varnish provides excellent levels of flexibility, unseen by most other web lacquers.
<i>U344 Steinemann Gloss Lacquer</i>	A high gloss high wetting varnish designed for application via off-line coaters. Its high levels of wetting remove the need for expensive additives to be used by the end user.

## Silicone Emulsions

Product	Description
<i>SIL 100 - Web-Slip Alpha Silicone Emulsion</i>	Web-Slip Alpha is ideally suited for high speed applications but is versatile for all machines. Its active content makes it comparable to standard 35% silicone emulsions found on the market.
<i>SIL200 - Web-Slip Supra Silicone Emulsion</i>	Web-Slip Supra with its higher active content promotes an increase in gloss. This product also benefits from a high dilution rate.
<i>SIL300 - Web-Slip Omega Silicone Emulsion</i>	Web-Slip Omega is the ultimate silicone emulsion. It is a high performance solution offering excellent wetting, reduced fly and improved gloss.
<i>SIL400 - Web-Slip Alpha Concentrate</i>	A concentrated version of the Web-Slip Alpha, ideally suited for export customers and low cost shipping.

For further information on any of these products please contact [sales@ecsnotts.co.uk](mailto:sales@ecsnotts.co.uk).