

DALER ♦ ROWNEY



**FW.**

Acrylic Artists Ink

Pearlescent Liquid Acrylic

# FW Artist Inks

The major development of inks in recent years has been the increasing use of pigments and acrylic resins. In 1991 Daler-Rowney refreshed the recently acquired Steig F.W. Inks and changed them from dye based, fugitive inks to permanent, pigmented inks. The initially developed range of thirty inks used conventional pigments dispersed in an alkali soluble acrylic solution. The differences between the dye based inks and the pigmented inks were a slight reduction in colour intensity, but much improved resistance to fading. In 2006 the range was extended to 32 colours by the addition of Crimson, Brilliant Yellow, Paynes Grey, and Dark Green,

Shimmering Blue, Red, Green, Gold and Velvet Violet and dropping Gold imitation.

The pigmented colours also have

substantially greater water resistance when dry. All colours in the range are now rated as 3\* (normally permanent) or

4\* (highly permanent) for permanence. There is

a mixture of transparent colours and opaque

colours in the range which gives different

effects when mixed with Pearlescent and

Shimmering colours (see below). The

pigments used in the conventional

colours for the FW range are ground

to a very small particle size (smaller

than a grain of soot) so will pass

through technical pens to a size

of 0.18 mm and can be used

through fine-line nozzles

when airbrushing.

They can, of course

be used with





























brushes or



29.5ml Bottle



dipper pens. FW inks have grown in reputation over the years as a consequence of their high intensity and clarity of colour. The unrivalled lightfastness for the range of fully intermixable colours makes them ideal for use by artists in the production of pictures for permanent display. The inks are strong and rugged so bold artwork can be achieved in the style of artists such as John Piper or Graham Sutherland, where colour strength, expression and fluidity are required. Equally the colours can be substantially diluted to achieve subtlety of tones, very similar in character to watercolour. Such washes will dry to a water resistant film and successive washes can be overlaid in a highly predictable manner.

						
011 White ***	028 Black ***	053 Cool Grey ***	119 Rowney Blue ***	120 Process Cyan ***	127 Indigo ***	134 Prussian Blue ****
						
145 Turquoise ***	151 Marine Blue ****	222 Antelope Brown ***	223 Burnt Umber ***	251 Sepia ***	335 Emerald Green ***	348 Light Green ***
						
363 Olive Green ***	375 Sap Green ***	412 Process Magenta ***	437 Purple Lake ***	517 Flame Red ***	554 Red Earth ***	567 Scarlet ***
						
578 Flesh Tint ***	643 Indian Yellow ***	651 Lemon Yellow ***	663 Yellow Ochre ***	667 Raw Sienna ***	675 Process Yellow ***	687 Flame Orange ***
						
701 Gold (mix) ***	665 Payne's Grey ***	607 Brilliant Yellow ***	513 Crimson ***	326 Dark Green ***	711 Shimmering Blue ***	713 Shimmering Red ***
						
714 Shimmering Green ***	709 Shimmering Gold ***	454 Velvet Violet ***				



Permanent \*\*\*\*  
Normally Permanent \*\*\*  
Transparent (t)  
Opaque (o)

This tint chart is produced within the limitations of printing and is intended as a guide only.

# Pearlescent Liquid Acrylic

In recent years Daler–Rowney have taken advantage of developments in the pigment industry and introduced mica based pigments to the range that give a pearlescent or an iridescent finish. The previously named Pearlescent Inks have been re–branded as FW Pearlescent Inks. There are now 22 colours in the range, with the range being extended by one the tantalising Black Pearl. The Pearlescent colours contain the same resin as FW Inks but the pigments are larger in particle size so will not go through fine line nozzles for airbrushes nor will they be suitable for technical pens or fountain pens. The best means of applying Pearlescent colours to is by using a dipper pen, ruling pen or brush.

The shimmering pearl effect created by these colours is startling. All colours are intermixable. They are permanent and translucent, but work best is put down freely rather than by applying successive layers of colour. There are many interesting and exciting ways of using FW Pearlescent Inks—here are just a few ideas.



29.5ml Bottles



110 Bell Bronze  
\*\*\*



111 Birdwing Copper  
\*\*\*



112 Galactic Blue  
\*\*\*



113 Hot Cool Yellow  
\*\*\*



114 Hot Mama Red  
\*\*\*



115 Macaw Green  
\*\*\*



116 Moon Violet  
\*\*\*



117 Mazuma Gold  
\*\*\*



118 Platinum Pink  
\*\*\*



119 Silver Pearl  
\*\*\*



120 Sundown Magenta  
\*\*\*



121 Sun Orange  
\*\*\*



122 Sun-Up Blue  
\*\*\*



123 Volcano Red  
\*\*\*



124 Waterfall Green  
\*\*\*



125 White Pearl  
\*\*\*



126 Autumn Gold  
\*\*\*



127 Dutch Blue  
\*\*\*



128 Genesis Green  
\*\*\*



129 Silver Moss  
\*\*\*



130 Sky Blue  
\*\*\*



032 Black  
\*\*\*



Permanent \*\*\*\*  
Normally Permanent \*\*\*

This tint chart is produced within the limitations of printing and is intended as a guide only.

# Calligraphy

The FW Pearlescent Inks can be used to dazzling effect in calligraphy, especially where highly decorative elements are required to illustrate basic letter forms. For the best results, FW Pearlescent inks should be applied freely with a dip pen or brush. The pearl effect is achieved even after dilution with water.



# Greeting Cards & Decorations

The sparkling characteristic of FW Pearlescent inks immediately lends itself to twinkling Christmas decorations and cards. Clearly they can be used in conjunction with the conventional and iridescent colours in the range in order to compliment the full range of artistic effects that can be obtained for the full range of inks. The potential for decoration is limitless.



Christmas decorations and cards can be enhanced with Pearlescent.

# Mount Decorations

The conventional and Pearlescent Inks within the FW range can be used for mount decoration. The unusual colours produced by the Pearlescent inks are much prized. Ruling pens, loaded by pipette or brush, can easily produce lines up to 36 inches long, thus facilitating the decoration of even the largest mounts. Applications by natural sponge are also recommended. For best effect FW Pearlescent inks should be used on darker mounts since the contrast maximises the shimmer, although more subtle shades can be achieved on lighter shade boards. Pearlescent can work on light and dark backgrounds.



## Acrylic Varnishes and Primers

For decorative and creative purposes, or for surface preparation, the following Daler-Rowney products can be used with FW Inks.

<b>Daler-Rowney Varnish Gloss</b>	Imparts high water resistant gloss finish.
<b>Daler-Rowney Varnish Matt</b>	Imparts high water resistant matt finish.
<b>Daler-Rowney White Gesso Primer</b>	Used to seal wood or other rough or porous surface prior to decoration.
<b>System 3 Primer</b>	As above.

## FW Artists Inks

### Surface Preparation and Applications

<b>Paper and Board</b>	Apply directly no Preparation required
<b>Triacetate</b>	Build up thin layers with airbrush (FW Artist Inks Only)
<b>Wood</b>	Seal surface with acrylic gesso primer
<b>Glass and Ceramic</b>	Clean surface with mild detergent, rinse and dry thoroughly. Do not subject to extremes of temperature.
<b>Leather</b>	Can be successfully applied, but not flexible enough for normal wear and tear on shoes, belts, bags, etc.

#### Important Notice

There are other specially formulated proprietary products made specifically for use with leather, glass and ceramics which will offer greater degrees of bonding and permanence than Pearlescent and FW, which are recommended for decorative use only on these surfaces. They are not designed to withstand high temperatures in washing or extremes of water, abrasion or scuffing.

PLEASE TURN OVER FOR CREATIVE IDEAS USING DALER-ROWNEY  
KANDAHAR AND CALLI CALLIGRAPHY INKS

# Kandahar Ink

Kandahar is a region in Afghanistan through which trade brought ink from the Far East to Europe. The original "Indian" Ink was made in China from a mixture of soot (Carbon Black) mixed with gelatin of donkey skin.

Daler-Rowney Kandahar Indian Ink is made using Carbon Black pigment mixed with Shellac. Shellac itself is derived from a naturally occurring substance known as "Lac", which is a resin of insect origin. It is secreted by the *Coccus Lacca*

insect that attaches itself to twigs to feed on sap and complete its lifecycle. The crude resin, called "stick lac" consists of twigs encrusted with the insect secretions and it is processed through many stages to produce shellac. The term lac (as well as the pigment term lake) is derived from

Sanskrit writing as lakshatam, or 'the tree that nourishes a thousand insects'.

The shellac itself is dissolved in water and dries to become water resistant. It is important to stress that the black is water resistant and not waterproof, so it will withstand a degree of splashing but not soaking by water.

Kandahar Black is designed to flow easily from a dip pen, ruling

pen, brush or airbrush. The ink is not recommended for use in technical pens or fountain pens because dry colour may clog the mechanism of these pen types. Kandahar Black is ideal for illustration work and in mixed media technique, for example with watercolours, and is highly permanent to light. The most suitable surfaces for use are paper, card and board.



# Calli Ink

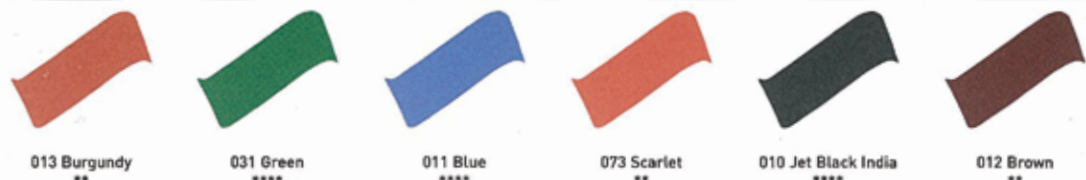
Calli is an acrylic based range of pigmented water resistant inks designed specifically for the use in calligraphy, where flow characteristics from the pen or brush are essential.

Calli Inks have excellent colour strength. Although the range is restricted to just six colours, all colours are intermixable with each other so the colour options are limitless.

Calli Inks should restart as efficiently as normal fountain pen ink if the pen cap is replaced after use. They are not, however, recommended only for use with calligraphy pens rather than fountain pens the cleaning of the ink by use of alkali solutions (e.g. airbrush cleaning fluids) may upset the internal mechanisms of some fountain pens. Calli Inks can be used through airbrushes and with dipper, technical and ruling pens, plus be applied by brush.



29.5ml Bottles



Permanent \*\*\*\* Normally Permanent \*\*\*

## Daler-Rowney Inks-Information and Usage Chart

The chart will help you select the correct ink for your particular creative requirements

	Base	Colours	Airbrush Pen	Dipper Pen	Technical Pen	Ruling	Brush	Fountain	Permanent	Opaque
FW Pearlescent Liquid Acrylic	Pigmented Acrylic	22	X	✓	X	✓	✓	X	✓	X
FW Irides	Pigmented Acrylic	5	X	✓	X	✓	✓	X	✓	X
FW Artists Ink	Pigmented Acrylic	34	✓	✓	✓	✓	✓	X	✓	✓
Calli Calligraphy Ink	Pigmented Acrylic	6	✓	✓	✓	✓	✓	X	✓	X



## Chewy's Dream Machine

by Phil Bestford

I used a combination of traditional and new velvet FW inks to create the painting, as they have both the subtlety & strength needed to paint the slight metallic elements within the picture. I'd like to think it combines the realism of the motorbike, with the dreamlike qualities of owning one.

## Leaves

by Christine Roger

I was inspired to paint this houseplant that sits in the window as the sunlight was casting interesting shadows across its leaves.

These created a real variation in greens and tones which were a challenge to paint.

TR

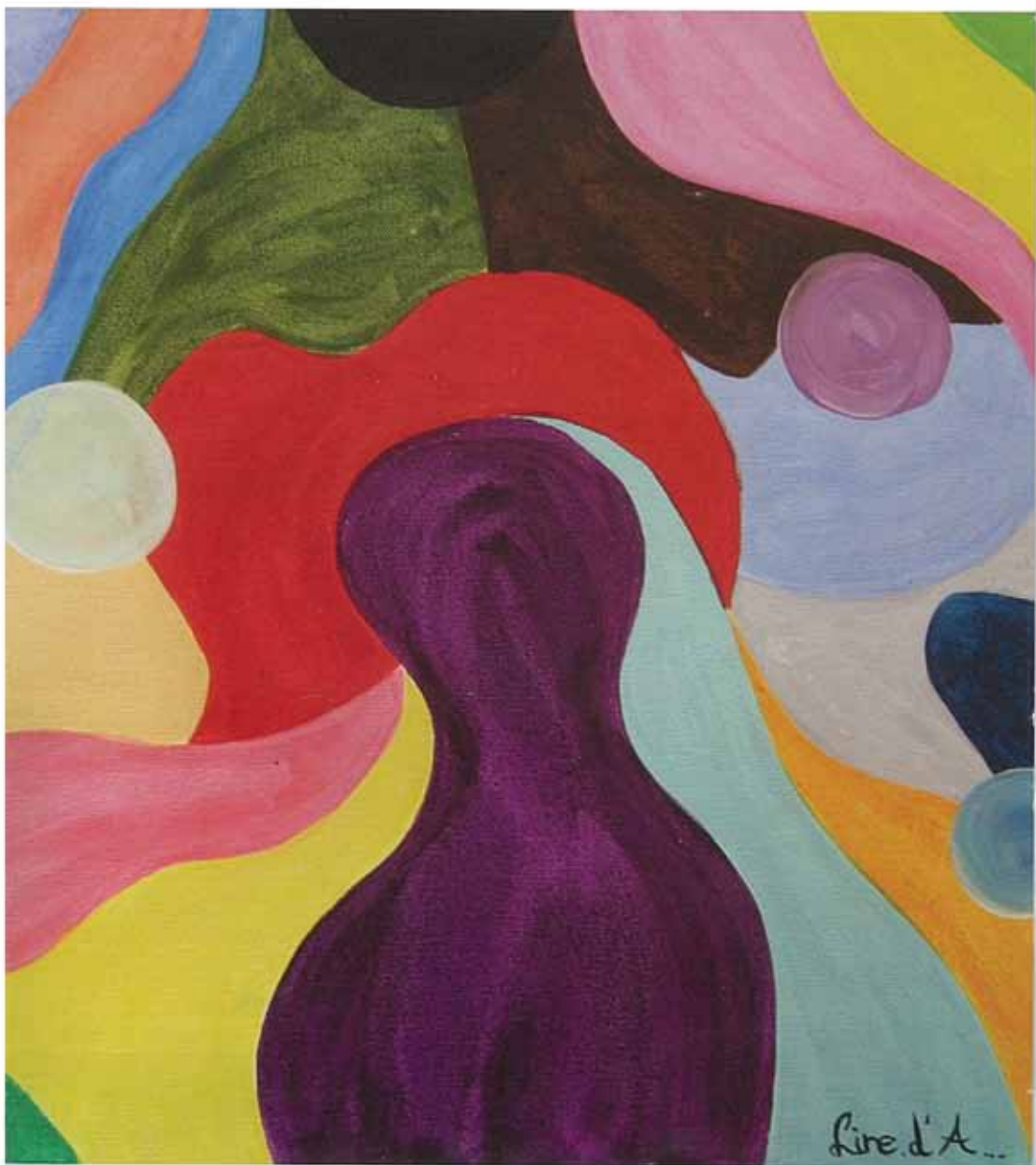
by Christine Roger

I chose the letters TR as they are my sons initials. I thought it could be used as a front piece for his photo album. Initials that are personal could also be used in card making, scrapbooking or just purely mounting in a frame.



# Cleaning

All FW Inks can be cleaned using mild alkali e.g. many of the airbrush cleaning fluids on the market.



## Groovey Day

by Linda Achour

Loose brush strokes. I really enjoy working with the FW and pearlescent inks it's like using watercolor!... with vibrant and strong colours!

## Sarah's Tiger

by Phil Bestford

Showing the versatility and subtlety of FW ink, especially when used with an airbrush. Sarah's Tiger is certainly something special, taking roughly 3 hours to create.



Daler-Rowney extends special thanks to:  
Phil Bestford, Christine Rogers and Linda Achour who have  
provided their inspirational artwork to illustrate the uses  
of FW Acrylic and FW Pearlescent.

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