



General information about our
specials (05-series)

General product information special pigments



Held Fluxes: the 05-0010 or #1*

This is a transparent mixing flux for ceramic pigments with lead.

Recommend firing temperatures:

- Porcelain 800-820°C
- Bone China 750-800°C
- Vitreous China 750-800°C
- Earthenware 750-800°C



Held Fluxes: the 05-0011 or #1A*

This is a lead containing flux and can be used under Gold Lustre for Glass (the 70-117/LG17*).

Firing temperature of the flux is 580-600°C.

If used with Gold Lustre for Glass the firing temperatures for the Gold Lustre should be in the range of 480-520°C.



Held Fluxes: the 05-0013

The Coating flux for glass is a transparent special overprint flux used for protecting your cadmium colours. It offers an extra layer protection over your painted artwork.

The top two rectangles are the cadmium colours used without the flux and on top of the lower two rectangles is with an extra protection flux layer.

It can also be used to mix with the opaque colours and reduce the strengths and fusability of the colour to aprox. 620°C.



Held Fluxes: the 05-0014

The flux for glass is a clear and shiny flux for glass. The flux has to be used at a temperature of aprox. 620°C.

The recommended mix of flux and glass pigments is about 5% flux to 95% pigments.

(*product number used by Held of Harrogate)



Held Fluxes: the 05-0015 or MC2*

The flux for the Ultra metallics is a flux used as base to dust on the *Unfluxed* ultra Metallic and the Iridescent pigments. The pure metallics/iridescent pigments do not have adhere property, if you use them without a flux base you can wash the pigments off after firing. If you choose the dusting method with the *Unfluxed* Ultra metallics or the Iridescent glazes, we recommed this flux.

To know more about the dusting technic, please see also our leaflet about dusting the Ultra metallics and the Iridescent pigments.



Held Fluxes: the 05-0016

The coating flux for the Lead Free pigments has a softening point of 620°C. You can use this flux for coating your pigments used on your objects of porcelain, eathenware, bone china, vitreous china and enamel. Use this coating with the cadmium (*C) and the Rich rust (4720) Lead Free colours. The highest intensity is obtained by using the colours without flux addition, just with a coating of flux. Gloss and intensity can be fine-tuned by adding a higher or lower amount of fluxes.



Held Fluxes: the 05-0017

The mixing flux for the Lead Free pigments has a softening point of 660°C. You can use this flux for mixing and coating your pigments on your objects of porcelain, eathenware, bone china, vitreous china and enamel.

Mixing instead of coating with a flux is useful when a design with decorating colours is combined with precious metal preparations. The proportion of flux addition should be determinated under individual conditions.

(*product number used by Held of Harrogate)



Lead Free - New white velvet underlay: the 05-0023

The New white velvet underlay is a matt Lead Free underlay.

You can use the underlay with your favorite Medium. It is stained pink with a dye so you can see where it has been applied. This dye fires away.

If you paint over the fired white velvet with Bright Gold or Shiny Platinum lustre, the area which covers the white velvet will fire matt. For example sponge an area with the New white velvet underlay, scratch a pattern with the scratch tool (78-0023-00) in the unfired underlay. Fire. In the sample we have covered the fired scratched area with Mother of pearl/Iris lustre and fired again. Firing at 800-820°C.



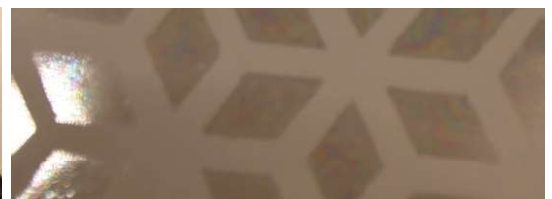
1.

Photo 1: Sponged New white velvet underlay



2.

Photo 2: Covered with MOP/Iris



3.

Photo 3: Effect after firing the lustre



4.

Photo 4: The Smooth white velvet underlay



Smooth white velvet underlay: the 05-0024

The Smooth white velvet underlay has a wider firing range from 800-840°C. It is smoother than the Lead Free underlay and low-leaded. You can hardly see the difference in smoothness but can feel it with your fingertips. Except for the different firing temperatures you can use it the same way as the New white velvet underlay.



Gold underlay: the 05-1400 or #140*

The gold underlay is used as a base to cover with your gold lustre.

Similar in nature as the white velvet underlay's but fires ochre (Photo 1) rather than white. Apply the gold underlay on your designated area and after firing the base, you can apply your gold. It intensify's the gold colour. It is fired to 760°C max. on china or up to 800°C on porcelain.

Photo 2 shows with gold lustre covered underlay.



1.



2.

(*product number used by Held of Harrogate)



Underlay for dusting series: the 05-1401 or MC1*

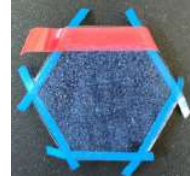
This underlay is slightly colored. This way you can see where you have applied the base. The colour fires away in the kiln. After applying the base, let it dry enough to dust the *unfluxed* Ultra metallics or the dusting series on the base. firing temperature at 780°C. To know more about the dusting technic, please see also our leaflet about dusting the Ultra metallics and the Iridescent pigments.



Lead Free-Crystal base for gold: the 05-1402

This is a special underlay for gold and platinum lustre.

Apply a layer LF-Crystal base for gold on your work. Fire the base layer between 820-850°C before applying gold or platinum lustre.



Non ping off raised paste powder: the 05-3700 or M37*

This is a relief powder. As its name suggests adheres extremely well to porcelain. When applied sparingly it has a fine texture which creates a sparkly effect when over-painted with the L10,L11 or L16. Recommended to use with our M16-Held drying water based medium, but works also with other mediums. If you mix it real thick you can shape forms with it for your artwork. Fire it and cover it after firing with gold lustre or another colour and fire again. An other way to make colored relief is by mixing the 3700 relief with a ceramic colour powder and then make your shapes. Firing range 780-880°C. See also our leaflet Ultra Metallic & Non ping off raised paste.



1.



2.



3.



4.

Photo 1: Dots made with the raised paste and fired.

Photo 2: Some of the dots covered by L10 gold lustre and fired again.

Photo 3: Blue dots, flower heart covered with gold and round balls all made with the raised paste

Photo 4: We mixed the raised paste with dark blue and made the stamens in the flower stand out.



I-Relief: the 05-3701 or MT1*

The I-relief is also a relief but fires as a slightly "foamy" cream paste. Mix the I-relief with M16-Held waterbased medium about 10:6 parts of the I-Relief to M16. The I-relief has many uses in jewelry making, as a base for dichroic glass and glass beads. It accepts Bright Gold and Shiny Platinum lustre. Fires at 780-800°C.



(*product number used by Held of Harrogate)



Deep Flaking powder: the 05-3703 or MT3*



The Deep Flaking powder is used to break the glaze of your glazed plate/tile/vase to create a special effect. Photo left: Make the 3703/MT3 to a thick paste with your medium and apply to the spots where you want to use the effect.

Fire in the kiln at 780°-800°C. Use safety glasses and gloves before removing carefully the loose areas with your spatula. The sharfs are sharp as you can see on the photo on the right. You can either leave it as it is or paint over it.



Lead Free - Raised paste powder/Burnish gold: the 05-3704 or M32*

The raised paste powder is specially formulated for defined raised paste work. Relief designs are build up using several layers. They are stained a dark golden brown so that when the gold wears off in time it is not so obvious. This paste is suitable when you work with burnish gold.

Let the relief dry overnight before slow firing at 780°-800°C



Photo 1: the 05-3704/M32 used with burnish gold.

Photo 2: the three relief pastes

1.

2.



Raised paste powder/Bright gold: the 05-3705 or M33*

This raised paste powder is suitable when you work with bright gold or silk matt gold. It is low leaded.

Relief designs are build up by using several layers. Photo shows the relief with on top L10/12% gold lustre.

Let the relief dry overnight before slow firing at 780°-800°C



Lead Free - Raised paste powder/Bright gold: the 05-3706

The Lead Free raised paste for Bright gold is of the same 'family' as the above two pastes. The paste has the same working order as the above two pastes. The photo shows the L10/12% bright gold lustre over the lead-free raised paste. Let the relief dry overnight before slow firing at 780°-800°C

