

# ANTIQUING

FOR BRASS, PEWTER,  
SILVER AND NICKEL PLATE



BLACKFAST CHEMICALS LTD

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## BRASS

Blackfast 183 will darken bright brass surfaces to a dark brown. The bath should be maintained at a temperature range 35 - 40°C for the best results.

At lower temperatures, the process is slower and the recommended immersion time of 5 minutes is exceeded.

On removal from the solution, the brass is allowed to dry then lightly abraded to remove some of the coating on proud surfaces.

What remains will be within the crevices and surface of the brass revealing an antiqued surface.

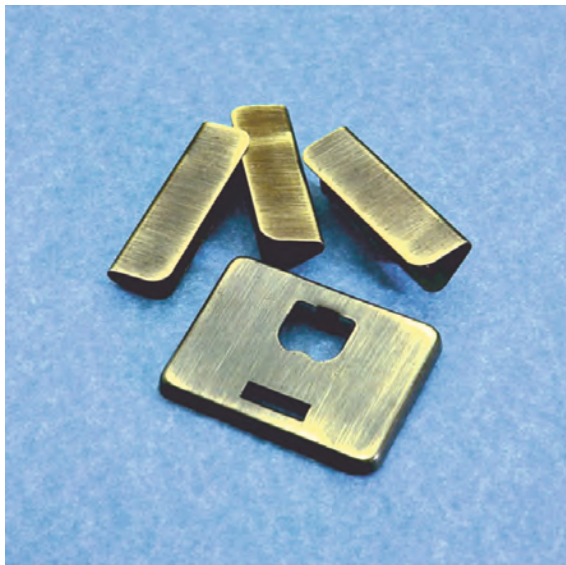
1. Components must be free from grease.
2. Water wash to obtain a wetting condition.
3. Immerse in Blackfast 183 until brass reaches the required shade of brown.  
Dilution 9 parts water to 1 parts Blackfast 183.

Average dwell times:

- |                    |                  |
|--------------------|------------------|
| Brass plated items | - 3 minutes      |
| Brass              | - 5 - 10 minutes |

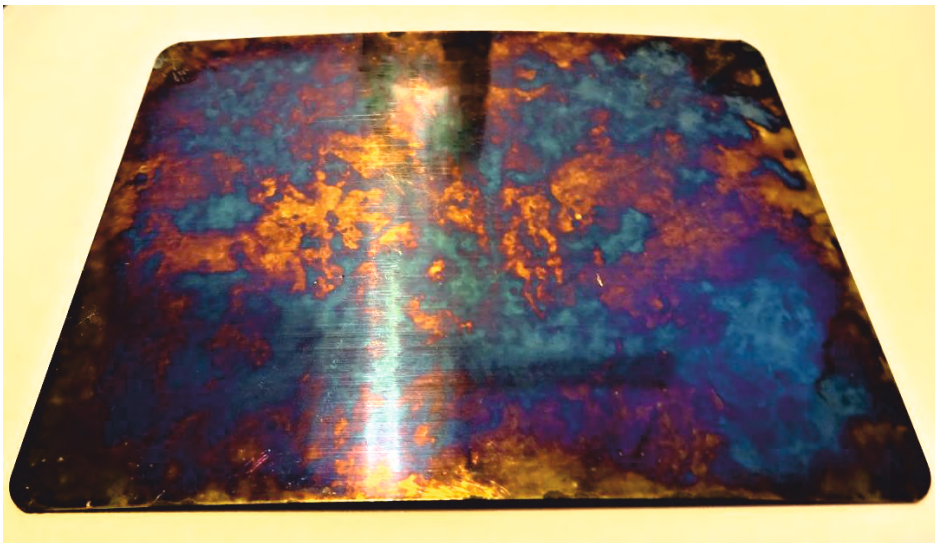


4. Water rinse.
5. Dry components - methods available:
  - maize
  - oven dry
  - hot air
6. Relieve components if a contrasting effect is required  
Methods available:
  - rotary vibrating machine
  - typhoon barrel
  - manual clean with abrasive paper/cloth
  - polish using a rotary bench polishing machine
7. Lacquer finish if required.



Blackfast 182 cream will darken bright brass surfaces to a purple/dark purple/bluish colour, depending on how it is applied and for how long it is left on the surface.

1. Components must be free from grease.
2. Water wash to obtain a wetting condition.
3. Use a clean cloth or tissue to rub or dab the 182 onto the surface of the brass. Leave on the surface for anything up to 2 minutes or until the desired colour is achieved.
4. Water rinse.
5. Dry with a cloth or tissue.
6. Lacquer finish if required





## PEWTER

1. Components must be free from grease.
2. Water wash to obtain a wetting condition.
3. Immerse in Blackfast 181 until pewter darkens to required colour  
(dilution 4 - 5 parts water to one part Blackfast 181).  
Average dwell time 3 - 4 minutes.
4. Water rinse.
5. Dry components - methods available:
  - maize
  - oven dry
  - hot air
6. Relieve components if a contrasting effect is required  
Methods available:
  - rotary vibrating machine
  - typhoon barrel
  - manual clean with abrasive paper/cloth
  - polish using a rotary bench polishing machine
7. Lacquer finish if required.

NB. If Blackfast 181 is too strong certain grades of pewter may turn brown. To rectify, weaken the 181 solution.





## NICKEL PLATE

1. Components must be free from grease.
2. Water wash to obtain a wetting condition.
3. Immerse in Blackfast 181 (as supplied solution).  
Dwell time 5 minutes or until the components are coloured satisfactorily.

*NB. Rumbling the components is an advantage.*

4. Water rinse.
5. Dry components - methods available:
  - maize
  - oven dry
  - hot air



6. Relieve components if a contrasting effect is required  
methods available:
  - rotary vibrating machine
  - typhoon barrel
  - manual clean with abrasive paper/cloth
  - polish using a rotary bench polishing machine
  
7. Lacquer finish if required.



## SILVER PLATE

1. Components must be free from grease.
2. Water wash to obtain a wetting condition.
3. Immerse in Blackfast 183 until silver reaches a grey/black colour, not jet black.  
Dilution 1:1 with water or use neat if speed is important. Dwell time 5 - 10 minutes.  
If speed is important, heat the solution up to 50°C.
4. Water rinse.
5. Dry components - methods available:
  - maize
  - oven dry
  - hot air



6. Relieve components if a contrasting effect is required – methods available:
  - rotary vibrating machine
  - typhoon barrel
  - manual clean with abrasive paper/cloth
  - polish using a rotary bench polishing machine
  
7. Lacquer finish if required.



## COPPER

1. Components must be free from grease.
2. Water wash to obtain a wetting condition.
3. Immerse in Blackfast 183 until copper reaches required colour.  
Dilution 4 parts water to 1 part Blackfast 183.  
Average dwell time 1 minute.
4. Water rinse.
5. Dry components - methods available:
  - maize
  - oven dry
  - hot air
6. Relieve components if a contrasting effect is required
  - methods available:
    - rotary vibrating machine
    - typhoon barrel
    - manual clean with abrasive paper/cloth
    - polish using a rotary bench polishing machine
7. Lacquer finish if required.



## CAN I SEE THE PROCESS BEFORE BUYING?

Absolutely you can. We offer three options for you to see if the process is right for you:

1. You can send your own sample components to Blackfast for processing.
2. Our technical manager can visit you with a small demo kit and process your sample components while you watch.
3. You can visit our demo facility in Surrey, bring a few components and we will antique them for you.



## CHEMICAL COST

PRODUCT	5 LITRES /KG	25 LITRES /KG
Blackfast 181 Blacking solution	£16.91 per litre	£11.97 per litre
Blackfast 182 Blacking cream	£17.88 per kilo	£12.94 per kilo
Blackfast 183 Antiquing solution	£16.91 per litre	£11.97 per litre

+ Delivery and VAT

1 litre of undiluted (as supplied) Blackfast 181 and  
Blackfast 183 will process around 6 -8 square metres.

1 kilo of Blackfast 182 will process around 3 -4 square metres.



## DISPOSAL

The solutions are designed to be 'topped up' with neat chemicals when the solutions become weak through use.

Disposal of solutions usually only occurs when tanks have been contaminated.

All the antiquing chemicals contains heavy metals and should be disposed of by a specialist waste company.



## WHERE TO BUY

You can call us on: 020 8339 7370

You can fax us on: 020 8339 7371

You can email us: or [sales@blackfast.com](mailto:sales@blackfast.com)  
[tina@blackfast.com](mailto:tina@blackfast.com)

You can use our online shop:

[www.blackfast.com](http://www.blackfast.com)

Direct link <http://www.blackfast.com/store/>





## WHO WE ARE

Blackfast Chemicals has been established for over 30 years.

Blackfast Chemicals manufactures a unique product for the Blacking of iron and steel at room temperature.

Customers include well known tooling manufacturers, OEMS and hundreds of smaller independent engineers around the world.

Chemical blacking can be done by anyone. It is simple, fast and inexpensive.





## Contact Us

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