



MANUFACTURERS AND DISTRIBUTORS TO THE METAL FINISHING INDUSTRY
UK Distributors of FALCONBRIDGE NICKEL Products
ATOTECH & RHODIA Phosbrite Products
Sole UK Agent for Kocour Laboratory Equipment

Technical User Sheet

- **Product Code: CC60**

- **Description:** Liquid concentrate for producing decorative oxide finishes on Copper and Copper Alloys.

- **Application(s):**
 - **CC60** produces a decorative oxide finish on Copper and Copper alloys. The process is particularly effective on brass producing various shades of brown as required.

 - The colour formation, produced by **CC60**, is dependent upon both the immersion time *and* the concentration of the solution. The longer the immersion time, the *darker* the colour produced. The more concentrated the solution the *faster* the formation of the coating. In general “medium” shades are produced after 30 seconds of immersion. Make up (concentration) and conditions (time and/or temperature) may be varied to achieve the desired results.

 - The coating produced by **CC60** is primarily for decorative purposes and is generally lacquered as a final operation to ensure quality and protection for the appearance/colouring.

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- **Make Up:**

- **General Use:** 1 part **CC60** to 4 parts water by volume (20% v/v).
- **Maintenance and Control:** No analytical control of **CC60** is required simply replenish solution by adding 5% by volume of **CC60** as the time required to produce the desired effect increases. If this addition does not provide improvement then the bath contents need to be discarded and replenished with a freshly prepared solution of **CC60**.

- **Operating Conditions:**

- **Equipment:**
 - **Tank:** Polythene, PVC or rubber lined steel
- **Temperature:** 18 to 60 Deg C
- **Time:** 30 sec to 2 min (as required).

- **Health and Safety:**

ALWAYS refer to the current Material Safety Data Sheet (msds)
BEFORE handling this product.

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