

# TECHNICAL DATA SHEET

## HYFLEX CROMASOL

Issue 1 – March 2018

### **Description:**

Hyflex Cromasol is a superior, alcohol based, solar reflective coating and when applied to a variety of roofing substrates, provides lasting protection against UV degradation and solar heat gain. It is a ready to use product and should not be diluted.

It is specifically manufactured for use on Mastic Asphalt but is also suitable for use on BS13707 Roofing Felts, fully cured and bituminous liquid roof coatings as used in remedial roof repair applications.

Hyflex Cromasol does not attack bituminous substrates therefore will prevent softening of asphalt and associated leaching into the drying film. The solvent-resin blend has been purposely chosen to ensure this.

The product is suitable for use on roofs susceptible to ponding, as Hyflex Cromasol is capable of withstanding complete immersion in water for long periods. Once applied it is completely water resistant (unlike water based reflective paints), even where conditions turn to rain before the film has cured.

### **Colour:**

Grey

### **Coverage:**

Coverage varies according to the type of surface. For smooth surfaces, a maximum coverage of 4m<sup>2</sup>/litre/coat is typical. For rough and uneven surfaces, coverage will reduce. Coverage rates may vary as a result of extreme changes in external temperatures.

### **Surface Preparation:**

All surfaces should be clean, dry and free from deleterious matter, dust and grit. Lichen and algae etc. should be removed using Cromar Moss & Mould Remover prior to application. Surfaces should be structurally sound and any blisters in existing felt should be split, dried, re-bonded and sealed. Heavily oxidised bituminous surfaces as well as porous or friable surfaces should be primed with one coat of bitumen primer, after which they must be left until hard and free from solvents. Before applying Hyflex Cromasol, newly applied asphalt and other bituminous surfaces should be allowed to weather for a period of 2-3 days. For existing mineral or rough surfaces, greater attention to dirt removal should be paid due to difficulties in dislodging dirt and organic growth. It is essential that roof surfaces that pond are thoroughly cleaned.

### **Application:**

Apply Hyflex Cromasol when the surface to be treated is dry and both surface and ambient temperatures are between 5°C and 35°C. Before applying ensure the contents of the containers are thoroughly mixed, as failure to do this may result in an uneven appearance. Mix regularly throughout application. Apply by roller or airless sprayer, one coat of Hyflex Cromasol to the prepared surface, allowing drying overnight between any further applications. Any additional coat should be applied at right angles to the direction of the first coat. The coating may also be applied by brush, however extra care must be taken, as heavier applications often tend to result.

To maintain optimum performance we recommend re-coating approximately every 5 – 7 years depending on atmospheric conditions.

### **Container Sizes:**

20ltrs

**Flashpoint:**

13°C

**VOC Details:**

EU Limit for this product CAT. 2(i) : 500g/l (2010). This product contains max. 450g/l VOC's

**Storage:**

Hyflex Cromasol should be stored in dry conditions away from direct sunlight and sources of ignition. Temperatures should be between 8°C - 25°C. Part used containers should be tightly re-sealed.

**Health & Safety:**

Please refer to health & safety data sheet on Hyflex Cromasol.

**Further Information:**

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail [info@cromar.uk.com](mailto:info@cromar.uk.com) or telephone our Technical Line on 0844 8588186:

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