

TECHNICAL DATA SHEET

CROMASOL

Issue 5 – December 2012

Description:

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 BS747 Roofing Felts, fully cured and bituminous liquid roof coatings as used in remedial roof repair applications.

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 Cromasol is capable to withstand 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:

White or Grey

Coverage:

Coverage varies according to the type of surface. For smooth surfaces, a maximum coverage of 6m²/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 primer, after which they must be left until hard and free from solvents. Before applying 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 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, two coats of Cromasol to the prepared surface, allowing drying overnight between each application. Where possible, the second 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 occur.

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

Container Sizes:

5 & 20ltrs

Flashpoint:

13°C

VOC Details:

EU Limit for this product CAT. 2(i) : 500g/l (2010). This product contains max. 490g/l VOC's

Storage:

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 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 or telephone our Technical Line on 0844 8588186:

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