

Product Information

Elmotherm[®] 010-4000

Air drying Shellac Based Varnish

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Elmotherm® 010-4000

Description:

Elmotherm® 010-4000 is a rapid drying, wax containing natural shellac solution. It has excellent adhesion to a wide range of substrates. It has a working temperature range from 105°C to 155°C depending upon the processing heat history employed (time/temperature used during pressing operations). The resistance of the dry film is also dependant upon the temperatures and times employed. Elmotherm® 010-4000 is non-tracking.

Application:

Elmotherm® 010-4000 is used in the manufacture of micafolium and also as a general purpose non-tracking, quick drying finishing varnish

Applied by brush, dip or spray as a finishing varnish

Brush or curtain coating prior to layering of mica plates in the construction of micafolium

Properties:

Appearance	Orange – Brown Liquid	
Viscosity	65 – 95 secs	B4 Flow Cup @ 25°C
Specific Gravity	0.92 – 0.94	g / cm ³
Non-Volatile	43 – 47 %	1 hour @ 130°C
Drying Time	40 – 60 mins 10 – 20 mins	@ 20°C @ 50°C
Flash Point	24	°C
Temp Class	105 - 155	°C
Breakdown Voltage	71.7	V/micron @ 20° V

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