

CELLIMAX

TECHNICAL DATA

PRODUCT DESCRIPTION	Metal finishing and wood finishing in a paint shop process															
FEATURES	<p>Tack free time - 10 minutes</p> <p>Dries well at low temperatures - can be applied down to 5°C</p> <p>Excellent gloss and build straight from the gun.</p> <p>Excellent recoatability</p> <p>Imperfections and film damage can be repaired easily</p> <p>Coating can be readily polished.</p>															
RECOMMENDED USE	Nitrosynthetic enamel is a very rapid air drying high gloss coating which is very easy to apply by spray. It can be polished to remove surface imperfections and is capable of producing an automotive quality of finish. It is used in these sectors, when a high gloss, rapid drying hard wearing finish is required.															
PHYSICAL PROPERTIES	<p>Composition Based on nitrocellulose modified with alkyd resin and plasticiser and pigmented with suitably selected pigments</p> <p>Volume solids: 32% (for black)</p> <p>Weight solids: 41% (for black)</p> <p>VOC content: 580 gm/litre</p> <p>Supply viscosity: 6.0 poise at 20°C</p> <p>Typical film thickness: 80 microns wet and 25 microns dry</p> <p>Theoretical coverage: 12.5 sq. metres/litre at 80 microns wet film thickness</p> <p>Dry heat resistance: 50°C</p> <p>Flash Point: Below 21°C</p>															
FILM THICKNESS	DRY: MIN 20 microns, MAX 35 microns WET: MIN 65 microns, MAX 110 microns															
SURFACE PREPARATION	On metal it is applied over a cellulose primer, and on wood over MDF Primer or Cellulose Sanding Sealer. Surfaces must be dry, sound and free from dirt, dust, rust and grease. Previously painted glossy surfaces should be lightly abraded prior to application to promote adhesion, and checked that they do not react with cellulose thinners prior to applying Nitrosynthetic Enamel. Should this occur, a barrier /buffer coat should be applied.															
RECOMMENDED TEMPERATURE	The air temperature should be at least 5°C with a surface temperature 3°C above dew point and the relative humidity below 80%, ensuring that the surface is dry and that blooming will not occur during application or drying.															
APPLICATION METHODS	<p>Airless spray Not recommended</p> <p>Conventional spray Thin to approximately 25-30 seconds BS B4 Flow Cup using approximately 3 parts of paint to 2 parts thinner by volume.</p> <p>Brush/Roller Not recommended</p>															
THINNER / CLEANER	Anti-blush or Premium Cellulose Thinner															
DRYING / OVERCOATING	<table><thead><tr><th>Substrate Temp</th><th>Touch Dry</th><th>Dry to Handle</th><th colspan="2">Overcoating Times</th></tr></thead><tbody><tr><td>10°C</td><td>10 mins</td><td>30 mins</td><td>Min 10 mins</td><td>indefinite</td></tr><tr><td>20°C</td><td>5 mins</td><td>15 mins</td><td>Min 10 mins</td><td>indefinite</td></tr></tbody></table>	Substrate Temp	Touch Dry	Dry to Handle	Overcoating Times		10°C	10 mins	30 mins	Min 10 mins	indefinite	20°C	5 mins	15 mins	Min 10 mins	indefinite
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STORAGE	Store in cool, dry conditions, typically 5-25°C. After a period of storage the product should be thoroughly stirred. Usable life is 2 years from date of manufacture in unopened containers.															
HEALTH & SAFETY	Please read and observe the safety precautions on the label. Refer to the material safety data sheets for further information.															

The information in this data sheet is correct, to the best of our knowledge, based on laboratory tests and practical experience. However, as the product is used under conditions which are beyond our control, we cannot guarantee anything but the quality of the product itself. We recommend that users carry out tests to satisfy themselves with the suitability of the product for its intended use. These details are subject to revision from time to time, without notice.