



HMG Coatings (South) Ltd
 Faraday Park
 West Portway Ind Est.
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Tel: 01264 356296
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PRODUCT NAME

Synergy™ ME11

TECHNICAL DATASHEET

PRODUCT DESCRIPTION

ME11 is a single component moderately fast drying topcoat which is specially formulated on a high quality alkyd resin system which is thinned with white spirit.

INTENDED USES:

It has been specially formulated for use on agriculture implements and general machinery and dries relatively quickly to give a durable hard gloss finish which, once fully cured, is resistant to a range of oils and petrol. Please phone us on: 01264 356 for specific recommendations.

TECHNICAL INFORMATION

COLOUR

Wide colour range available, including most British Standards, RAL and special colours to customer requirements. Some colours may contain lead-chromate pigments, check label for details.

GLOSS LEVEL

Full gloss. Also available in Satin and Matt finish.

VOLUME SOLIDS

44% - 50%, varying with colour.

FILM THICKNESS

A dry film thickness of 37-50 microns is recommended, which is approximately equivalent to a wet film thickness of 75-115 microns.

THEORETICAL COVERAGE

10 square metres per litre when sprayed at a wet film thickness of 50 microns.
 NB. The practical coverage rate depends on many factors and will be less than the theoretical figure.

METHOD OF APPLICATION

Apply by spray, brush or roller to suitably prepared substrates.

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DRYING TIME

Touch Dry.....1 ½ - 2 ½ hours.
Thorough Dry.....3 – 5 hours
Hard Dry.....Overnight

Drying times are quoted at 20°C and will vary with actual conditions such as: film thickness, air movement, temperature, humidity, the presence of primer (its type, overcoating interval and film thickness). Full resistance to splashes of petrol, lubricating oils, dilute mid acids and alkalis doesn't develop until the coating has aged and fully cured.

FLASH POINT

Above 32°C

SHELF LIFE

12 months in unopened containers, dependant on temperature and conditions. Mix thoroughly before use.

PACKAGING

5 litres.

HEALTH AND SAFETY

Familiarise yourself with MSDS before using this product. If you need to obtain copies, telephone us on 01264 356296.

APPLICATION

SUITABLE SUBSTRATES

Suitable substrates include: Synergy™ OCF7 Primer, Synergy™ QD Super Build AC Primer, Synergy™ Air Drying High Build Zinc Phosphate Primer and suitably prepared old paintwork

SURFACE PREPARATION

Synergy™ ME11 should be applied to a suitably prepared or undercoated surface. Clean all old paintwork, removing loose and flaky paint, any oil or greasy residues, dust, scale, rust, etc.
These surfaces must then be lightly flatted to ensure an adequate key before the application of JC12 1pk Polyurethane.

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PAINTS

APPLICATION PROCESS

Do not apply or dry when air surface temperature is below 10°C or in high humidity or where condensation is likely to occur (i.e.: Surface temperature must always be at a maximum if 3°C above dew point). Painting should be only carried out under good atmospheric conditions and clement weather. Preparation, painting and drying should never be undertaken: when the air temperature falls below the minimum temperature for the coating, or during fog, mist, snow or when rain is imminent, or when the surface to be painted is wet with condensation or when condensation may occur during the drying period.

NB. if recently applied primers or undercoats are denibbled/flatted, an extended period should be allowed for the surface area to recover. Failure to follow this instruction could result in surface defects such as 'lifting' or crazing'.

A light 'mist' coat should be applied and allowed to flash for ten to fifteen minutes before the application of a full wet coat.

OVERCOATING

Recoat after overnight drying.

Before the application of self-adhesive decals etc., the painted surface must be thoroughly, but gently, wiped with 1 pack PU Thinners to ensure good adhesion.

THINNING AND CLEANING

THINNING

This product is supplied 'ready for use' for application by airless and hot spray, brush or roller. Slight thinning (up to 5%) with Thinsyn may be required for cold suction feed air.

CLEANING

Clean all equipment using HMG Gunwash immediately. Ensure all lines, tips, etc. are thoroughly flushed out. It is not sufficient to leave equipment filled up with solvent.

Technical Data Sheets are also available on our website at www.hmgcoatings.co.uk

ALL MATERIALS SHOULD BE STIRRED AND CHECKED FOR COLOUR AND SHEEN BEFORE USE. NO CLAIMS FOR DISCREPANCY OF COLOUR OR GLOSS CAN BE ACCEPTED AFTER USE. INFORMATION CONTAINED ON THIS DATA SHEET IS TO THE BEST OF OUR KNOWLEDGE TRUE AND ACCURATE AND IS GIVEN IN GOOD FAITH, BUT WITHOUT WARRANTY, SINCE THE APPLICATION, USE AND PROCESSING OF THE PRODUCT IS BEYOND OUR CONTROL.