



HMG Coatings (South) Ltd
 Faraday Park
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Tel: 01264 356296
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PRODUCT NAME

Synergy™ TECH QD11

PRODUCT DESCRIPTION	Quick drying full gloss finish
PROPERTIES	Yields a quick drying full gloss finish, to give a good all round durable finish resistant to mild chemicals with good exterior durability.
TECHNICAL INFORMATION	
COLOUR	Available in BS 381C, BS 4800, BS 2660, RAL or special colours by arrangement. Some colours may contain lead-chromate pigments, check labels for details.
GLOSS LEVEL	Full gloss
PERMANENT VOLUME SOLIDS	35 - 40% dependent on colour
DRY FILM THICKNESS	25 - 35 microns
THEORETICAL COVERAGE	10-12 square metres per litre @ 25 microns DFT NB The practical coverage rate depends on many factors and will always be less than the theoretical figure.
METHOD OF APPLICATION	Conventional or airless spray. because of the quick drying properties, brush application should be limited to small areas only. Airless/ air-assisted: tip size 9-11 thou Conventional: 1.6mm to 2.0mm
DRYING TIME	Touch Dry 15 minutes Handleable.....1-2 hour Hard Dry.....10 - 16 hours Full Cure.....5-7 days
SHELF LIFE	6 months in unopened containers, dependent on temperature and conditions> Mix through before use.
HEALTH AND SAFETY	Familiarise yourself with this product's MSDS before use. If you need to obtain copies, telephone us on: 01264 356296

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APPLICATION

SURFACE PREPARATION	Clean and degrease steel substrate Prime using a Zinc Phosphate short oil alkyd on Xylene base (i.e. 200:026: Types) When dry, (usually 1-2 hours) apply the finish. Components that have been pre-primed and allowed to dry for longer periods should be checked for any dust or surface contamination before application.
APPLCIATION PROCEES	Mix thoroughly before use. Apply a full even coat. Certain colours may require an initial half coat, followed by a single full coat to obtain the required finish. Do not apply or dry when air or surface is below 10°C or in high humidity or where condensation is likely to occur (i.e. Surface temperature must always be a minimum of 3°C above dew point. Painting should be only carried out under good atmospheric conditions and clement weather. Preparation, painting and drying should <u>never</u> 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 et with condensation or when condensation may occur during the drying period.
APPLCIATION TEMPERATURE	10 -35 degrees C.
WET FILM THICKNESS	Approx 70 -100 microns per coat.
OVERCOATING	Overcoating can be carried out at any time after drying. Flatting the surface or carrying out any repairs during the initial drying period (approx 7 days) could result in crazing or lifting of the coating. it is advisable to allow 2-3 hours for the surface to 'heal' before continuing the application process.

THINNING AND CLEANING

THINNING	Maximum 5% of ThinMulti
CLEANING	Clean all equipment immediately after use with the above solvent. Ensure all lines, tips, etc. are thoroughly flushed out. It is not sufficient to leave equipment filled up with solvent.

ALL MATERIALS SHOULD BE STRIPPED 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 OUR BEST KNOWLEDGE, TRUE AND ACCURATE AS IS GIVEN IN GOOD FAITH. BUT WITHOUT WARRENTY, SINCE TEH APPLICATION, USE AND PROCESSING OF PRODUCT IS BEYOND OUR CONTROL.