

Product Data Sheet



5**3/454 Range: Morseal Duo Acid Catalyst Flooring Lacquer

Code	Description	Code	Description
5901/454	90% Sheen	5203/454	20% Sheen
5503/454	50% Sheen	5103/454	10% Sheen
5403/454	40% Sheen	5CAT/100	Acid Catalyst (9:1)
5303/454	30% Sheen	Thinners	5007/450

Technical Data	A quick drying, low odour, high build acid catalyst lacquer designed for application to wooden flooring by mohair roller, "Big Foot" roller, pad, flat brush or mop.
Properties	Formulated to provide excellent resistance to abrasion, wet and dry heat, spirit solutions and a wide range of household chemicals. Meets the requirements of BS (FIRA Std) 6250 for horizontal surfaces (excluding kitchen worktops) and rated as heavy/severe use, and BS 7044: Part 4:1991 under dry conditions. Lacquers of this type achieve their full resistance properties after 21- 28 days drying, although careful use is possible before this period.
Mixing Guidelines	Catalyse 9 parts lacquer to 1 part 5CAT/100 by volume and mix well prior to use. The catalysed lacquer should ready for use (RFU) but can be thinned upto 5% by volume with the recommended thinner, 5007/450, if required. Under normal conditions these products will have a workable pot-life of 36 hours after catalysis.
Typical Handling	Touch Dry: 25 -30 mins @ 18°C Sandable: 1 hour @ 18°C – Use 320 or finer silicone carbide paper Recoatable: 2 hours @ 18°C Packing time: Overnight minimum, dependent on conditions. On flooring, careful use is possible before the full cure period; contact with table and chair feet and heeled shoes etc should be avoided.
Cleaning	2007/100 should be used for equipment cleaning. A soft cloth dampened with a solution of water and mild detergent can be used for general aftercare.
Coverage	Approximately 40m ² per 5Lts dependent upon the size, orientation and surface quality of the item being coated.
Tinting	Use Morrells Light Fast Stains up to a maximum of 5% (after catalysis).
Substrate Preparation	Preparation is the key to successful floor finishing. Virgin substrate should be prepared with 120 and 240 grit paper and all dust residues should be completely removed prior to application. Pre-coated floors being refurbished should be stripped back to the wood, sanded and neutralized, or sanded with a series of grits between 80 to 240 to prepare a surface offering good adhesion to subsequent coats.

For further technical information contact our Technical Support Team on 0161 406 5300

This information is provided in good faith and without prejudice

System Guidelines	<p>Morrells recommends the following guidance for use of this product range:</p> <p>Typical Finish: 3-5 coats at 75g/m² per coat (Dry Film Thickness ~ 35µ per coat). A minimum of 4 coats should be used for 'heavy wear' areas.</p> <p>Apply 3-4 coats, allowing 2 hours drying between coats. Best results are obtained when no more than 2 coats per day are applied.</p> <p>Using these products in systems outside these guidelines can lead to immediate and latent problems with the integrity of the finish.</p>
Important Information	<ul style="list-style-type: none"> ➤ Excessive coating weights can lead to cracking or lifting. ➤ Under catalysing or over catalysing can cause impairment of cure and cracking. ➤ When overcoating stained substrate always test/approve a small area before commencing. ➤ Leave adequate time between coats. Do not apply more than 3 coats in one day. Denib between coats to aid adhesion. ➤ Do not overcoat with 1K or 2K Polyurethane (PU) products. ➤ Morrells do not recommend the mixing of catalysed material with fresh material. Always mix enough products for the job. ➤ Use only the recommended thinner. Use of non-recommended thinner can cause uneven/patchy drying. ➤ Do not use over pigmented bases or with NC, Shellac or Precatalysed Sealers. ➤ Some timbers (e.g. cherry, maple etc) are prone to discoloration or reddening when using acid catalyst lacquers. ➤ Product should be stored above 5°C and protected from frost. ➤ Optimum application is achieved between 18°C and 22°C with good air movement and ventilation. ➤ Finished products should not be subjected to environments with temperatures of < 2°C. ➤ In scope with 2004/42/EC Directive.
Health & Safety	<p>Reference should be made to the appropriate MSDS for this product range, which can be found at www.morrells.co.uk</p> <p>The use of appropriate personal protection equipment (PPE) is recommended.</p> <p>These products are intended for professional use only.</p>

For further technical information contact our Technical Support Team on 0161 406 5300

This information is provided in good faith and without prejudice