

Product Data Sheet

7-53X

Two Pack Polyurethane Direct Top

- ✓ Can be applied direct to metal
- ✓ Tough and abrasion resistant coating
- ✓ Fast Drying
- ✓ Easy to use
- ✓ One layer system
- ✓ Good Adhesion

Product & Ancillaries	7-530, 7-531, 7-532, 7-533, 7-534, 7-535, 7-536, 7-537 9-070, 9-075, 9-080 1-480, 1-470, 1-208
Suitable Substrates & Preparation	Ensure substances to be coated are dry and must be cleaned using the appropriate products to remove all traces of contaminants. Colour Dynamics produces a full range of Cleaners, Silicone Removers, Degreasers and Preparatory Cleaners suitable for the cleaning process. All surfaces should be thoroughly degreased prior to application using the appropriate products. Cast Iron: P80-120 Dry Bare Steel: P80-120 Dry; Or shot blast Blasted Steel: Sa2.5 at 30 microns profile Phosphated Steel: Scotchbrite Galvanised Steel: Scotchbrite Light Alloys: P180-320 Dry Aluminium: P240-320 Dry Fibre Reinforced Plastic: P240 Dry
Thinning/Mixing Ratio	Airless/Air-Assisted: Base: 4 Hardener: 1 Thinner: 5% maximum Conventional: Base: 4 Hardener: 1

	<p>Thinner: 1-1.5</p> <p>Suitable Hardeners: 9-070</p> <p>Suitable Thinners: 1-480, For temperatures above 30°C 1-470 and 1-208 are recommended.</p>
Spraying Viscosity	<p>Airless/Air-Assisted: 18-25 seconds DIN6 at 20°C</p> <p>Conventional: 20-25 seconds DIN4 at 20°C</p>
Application Equipment	<p>Apply this product using either a Conventional, Airless or Air-Assisted spray gun.</p> <p>Airless: For best application set gun up from 11-15 thou tip with a spray pressure bar of 100-140. Apply 1-2 coats of product leaving a flash off time of at least 10-15 minutes between coat applications.</p> <p>Air-Assisted: For best application set up gun from 11-15 thou tip with an air cap pressure bar of 60-70/1-2 bar. Apply 1-2 coats of product leaving a flash off time of at least 10-15 minutes between coat applications.</p> <p>Conventional: For best application set up gun from 1.6-1.8mm tip with a standard 3-4 bar spray pressure. Ensure the HVLP is at 2 bars. Apply 2-3 coats of product leaving a flash off time of at least 15 minutes between coat applications.</p> <p>Drying can be accelerated by adding 2% Direct Accelerator 6-550. This will reduce pot life by half. The use of additive is always recommended for applications under 20°C.</p>
Pot Life	<p>Airless/Air-Assisted: 2-3 hours after mixed</p> <p>Conventional: 3 hours after mixed</p>
Approved Thickness	80-100 Microns DFT

	Higher thickness can be achieved with additional coats, this may extend the drying time. (Airless/Air-Assisted Spray Guns Only)
Volume Solids	Airless/Air-Assisted: 65-70% Conventional: 60-65%
Overcoatable with	Direct topcoats can be over coated without sanding, with themselves 10 days after drying and up to 5 months after drying. It is extremely important that the surface has been thoroughly cleaned before the application of an over coat.
Drying times	Dust Free: 1 hour Tack Free: 1.5-2 hours Hard Dry: 16 hours Stoving: 45 minutes at 60°C (metal temperature.
Coverage	4.5M ² per litre at 80 Microns
Colours	This product is available in a range of colours including RAL, BS and PTN shades. In house colour matches are available upon request.
Gloss Level	10% 30% 50% 70%
Properties	Maximum VOC Content: Airless/Air-Assisted: 415-455kgs/ltr as supplied 470 to 500kgs/ltr ready for use Conventional: 520-550kgs/ltr ready for use

Please refer to the Material Safety Data Sheet before using this product.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. Therefore, Colour Dynamics Limited do not accept any liability whatsoever arising from the performance of the product or for loss of damage (other than death or personal injury resulting from our negligence) arising out of the use of this product.

Corby, Northamptonshire, NN18 9QA

T: 01536 485800 | **F:** 01536 485811 | **E:** sales@onlinepaintshop.co.uk | **W:** www.onlinepaintshop.co.uk