



Process application guide for vehicle repair, refinish preparation and polishing

INDASA provides on a daily basis:

- High performance abrasive systems and innovative refinishing solutions
- Consistency through a repair process
- Commercial advantage through best working practice
- Structured programme for enhanced bodyshop profitability

<p>1 Panel repair</p> <p>Clean panel prior to repair.</p> <p>METHOD Remove all dust, dirt and traffic film residue from panel leaving a clean/dry repair area.</p> <p>PRODUCT Panel wipe cloth. Degreaser.</p> 	<p>2 Panel repair</p> <p>Sand the repair area to prepare for the application of body filler.</p> <p>METHOD Machine sand the repair area to a clean, bare metal surface or prepare the OE paint finish if using multi-substrate body filler.</p> <p>PRODUCT Rhynogrip HT Line Ultravent disc. Grit P80 – P180.</p> <p>EQUIPMENT Orbital palm sander with 5mm orbit. Dust extraction.</p> 	<p>3 Panel repair</p> <p>Prepare the Evercoat™ body filler and apply to the repair area.</p> <p>METHOD Mix the hardener with the filler to a 2% ratio (by weight) on the mixing board.</p> <p>PRODUCT Evercoat Rage Ultra.</p> <p>EQUIPMENT Rhyno mixing board. Autofill spreader.</p> 	<p>4 Panel repair</p> <p>Shape the filler to match the required panel contour.</p> <p>METHOD Apply Dry Guide Coat to the filler area then hand sand with dust extraction block to achieve the required shape of repair.</p> <p>PRODUCT Rhynogrip HT Line strip. Grit P80 – P180 (size to suit). Dry Guide Coat.</p> <p>EQUIPMENT Dust extraction block. Dust extraction.</p> 	<p>5 Panel repair</p> <p>Remove sanding scratches in the filler.</p> <p>METHOD Hand sand the bodyfiller with dust extraction block to a smooth surface finish.</p> <p>PRODUCT Rhynogrip HT Line strip. Grit P180 (size to suit).</p> <p>EQUIPMENT Dust extraction block. Dust extraction.</p> 	<p>6 Panel repair</p> <p>Machine sand the repair area to produce a feather edge.</p> <p>METHOD Machine sand the repair area to remove all scratches, leaving a feather edge into the surrounding paintwork.</p> <p>PRODUCT Rhynogrip HT Line Ultravent disc. Grit P180 – P320 (feather edge).</p> <p>EQUIPMENT Orbital palm sander with 5mm orbit. Dust extraction.</p> 
<p>1 Preparation for primer</p> <p>Prepare the repair and surrounding area for primer application.</p> <p>METHOD Machine sand the repair area to a feather edge.</p> <p>PRODUCT Rhynogrip HT Line Ultravent disc. Grit P320.</p> <p>EQUIPMENT Orbital palm sander with 5mm orbit. Softform adaptor pad. Dust extraction.</p> 	<p>2 Preparation for primer</p> <p>Clean the repair and surrounding area.</p> <p>METHOD Remove all dust and dirt from panel leaving a clean/dry repair area.</p> <p>PRODUCT Panel wipe cloth. Degreaser.</p> 	<p>3 Preparation for primer</p> <p>Apply 440 Express to eliminate micro-pinholes in the repair surface and to enhance primer coverage.</p> <p>METHOD Apply a small amount with a cloth to cover the repair area. Wipe off residue and leave to dry for 15 minutes prior to primer application.</p> <p>PRODUCT Evercoat 440 Express.</p> 	<p>4 Preparation for primer</p> <p>Protection masking for the panel and repair area.</p> <p>METHOD Apply masking tape to the edge of the repair area to protect any adjacent panels.</p> <p>PRODUCT MTE-RED masking tape 24/36mm. Masking film/paper.</p> 	<p>5 Preparation for primer</p> <p>Thoroughly clean the repair area prior to primer application.</p> <p>METHOD Remove all dust/dirt particles from repair area leaving a clean/dry panel surface for priming.</p> <p>PRODUCT Low tack cloth.</p> 	<p>6 Preparation for primer</p> <p>Apply primer surfacer to the repair.</p> <p>METHOD Refer to the paint manufacturer's technical data sheet for application process.</p> <p>PRODUCT Compliant paint refinish process.</p> 
<p>1 Preparation for topcoat</p> <p>Block sand the primed area.</p> <p>METHOD Apply Dry Guide Coat then hand sand the repair area, leaving a smooth, primed surface finish.</p> <p>PRODUCT Rhynogrip HT Line strip Grit P320 (size to suit). For awkward areas use Rhynosoft P600 or Sponge SF. Dry Guide Coat.</p> <p>EQUIPMENT Dust extraction block. Dust extraction.</p> 	<p>2 Preparation for topcoat</p> <p>Reapply Dry Guide Coat and machine sand the primed area.</p> <p>METHOD Machine sand the primed area to a smooth finish.</p> <p>PRODUCT Rhynogrip HT Line Ultravent disc. Grit P500.</p> <p>EQUIPMENT Orbital palm sander with 5mm orbit. Softform adaptor pad. Dust extraction.</p> 	<p>3 Preparation for topcoat</p> <p>Prepare the surrounding blend area.</p> <p>METHOD Machine sand the area to be blended for clear coat. Hand sand any edges and awkward areas.</p> <p>PRODUCT Rhynogrip HT Line Ultravent disc. Grit P1000. Nylon web (grey) or Sponge (MF).</p> <p>EQUIPMENT Orbital palm sander with 5mm orbit. Softform adaptor pad. Dust extraction.</p> 	<p>4 Preparation for topcoat</p> <p>Thoroughly inspect and clean the panel repair area prior to topcoat application.</p> <p>METHOD Remove all dust/dirt particles from repair area leaving a clean/dry panel surface for painting.</p> <p>PRODUCT Degrease with panel wipe cloth. Low tack cloth.</p> 	<p>5 Preparation for topcoat</p> <p>Apply the topcoat.</p> <p>METHOD Refer to the paint manufacturer's technical data sheet for application process.</p> <p>PRODUCT Compliant paint refinish process.</p> 	<p>INDASA ACADEMY</p> <p>The Indasa Academy represents the commitment and delivery of technical expertise and instruction. Training programmes are tailored to develop the customer's skill base and optimise performance efficiencies in the workplace.</p>
<p>1 Paint rectification and polish</p> <p>Remove any paint imperfections (nibs) from the paint surface.</p> <p>METHOD For small areas denib by hand. Machine sand large areas.</p> <p>PRODUCT Rhynowet paper P2000 Rhynocell disc. Grit P1500 (size to suit).</p> <p>EQUIPMENT Orbital palm sander with 5mm orbit. Softform adaptor pad. Dust extraction.</p> 	<p>2 Paint rectification and polish</p> <p>Prepare the surface area for compounding.</p> <p>METHOD Machine sand the area to remove all traces of sanding marks in the surface.</p> <p>PRODUCT Rhynocell disc. Grit MF3000 (size to suit).</p> <p>EQUIPMENT Orbital palm sander with 5mm orbit. Dust extraction.</p> 	<p>3 Paint rectification and polish</p> <p>Machine compound the repair area.</p> <p>METHOD Low speed polisher with compound to remove all traces of sanding marks and to leave gloss finish.</p> <p>PRODUCT Autogloss Compound Plus.</p> <p>EQUIPMENT E-Series electric rotary polisher. Autogloss Mop (white).</p> 	<p>4 Paint rectification and polish</p> <p>Polish the panel to a showroom gloss finish.</p> <p>METHOD Low speed polisher with liquid polish to remove swirl marks and to produce high gloss finish.</p> <p>PRODUCT Autogloss Hi-Gloss Plus.</p> <p>EQUIPMENT E-Series electric orbital polisher. Autogloss Mop (black).</p> 	<p>5 Paint rectification and polish</p> <p>Remove all residue and hand polish to a flawless finish.</p> <p>METHOD Hand polish the surface to a high gloss finish.</p> <p>PRODUCT Microfibre cloth (blue).</p> 	<p>Health and safety compliance is required for all processes.</p> 