

TECHNICAL DATASHEET

Issue date:
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SELEMIX® DIRECT PRO HIGH GLOSS 7-159 REPAIR PROCESS

PRODUCT DESCRIPTION

Selemix Direct Pro High Gloss is a versatile, high solids 2-pack Acrylic PU finish that can be applied directly to a variety of substrates without need for a primer, giving a very efficient process.

This process will enable a high standard of repair for small to medium sized areas.

Repairs are described to 2 standards. Class A being of higher quality for more visible areas, and Class B, which is a simpler repair for less visible areas

PRODUCTS

7-159 *Selemix* Direct Pro High Gloss Mixed Colour
7-110 *Selemix* Acrylic Binder (with no tinters added)

Hardeners:

9-154 Medium Hardener for Acrylic

Thinners:

1-159 Reactive Thinner For Acrylic

D8430 PPG Spot Blender
D8437 PPG Spot Blender (Aerosol)
SPP1001 PPG Polish

PROCEDURE FOR CLASS “A” REPAIR (High Quality repair for visible areas)

PREPARATION

Carry out the repair by sanding the required area - Try to keep the area of the repair as small as possible
Use a filler / stopper if required.

Sand smooth with P400 Discs

The area surrounding the repair when the paint is to be faded into should be machine sanded with a P2000 disc.

The entire repair area should then be degreased and tack-ragged

PAINT MIXING

The following paints should be mixed:

1. 7-159 Colour

Features	Mixing by Weight	Mixing by Volume
By Weight:		
7-159 Topcoat	1000	2.5
9-154 Hardener	330	1
1-159 Thinner	200	0.5 (20%)

2. 7-110 Clear Binder

Features	Mixing by Weight	Mixing by Volume
By Weight:		
7-110 Clear Binder	1000	3
9-154 Hardener	330	1
1-159 Thinner	300	1 (30%)

PAINTING

It is recommended that the repairs are carried out using 3 Mini Sprayguns with 1.2mm tips. These should all be made ready before the repair is painted.

1. 7-159 Mixed Colour
2. 7-110 Clear Binder
3. PPG Spot Blender D8430

(Alternatively use 2 Mini-Sprayguns and D8731 Spot Blender in Aerosol form)

APPLICATION

1. Apply the 7-159 over the immediate repair area only using a fade-in technique to minimise overspray.
Apply 1-2 coats to give opacity.
2. Apply the 7-110 Clear Binder to the entire repair area, covering the overspray edge of the 7-159
3. Spray D8430 Spot Blender (or D8731 Aerosol) in light coats over the overspray edge to re-dissolve the overspray edge and blend it in.

DRYING / POLISHING

Bake the repair at 50C for 30 minutes, dry by Infra-Red lamps, or air dry overnight.

When hard dry, the surface can be polished using PPG SPP1001 Polish or similar.

PROCEDURE FOR CLASS “B” REPAIR (Basic repair for less visible areas)

PREPARATION

Carry out the repair by sanding the required area - Try to keep the area of the repair as small as possible
Use a filler / stopper if required.

Sand smooth with P400 Discs

The area surrounding the repair when the paint is to be faded into should be machine sanded with a P2000 disc.

The entire repair area should then be degreased and tack-ragged

PAINT MIXING

The following paint should be mixed:

7-159 Colour

Features	Mixing by Weight	Mixing by Volume
By Weight:		
7-159 Topcoat	1000	2.5
9-154 Hardener	330	1
1-159 Thinner	200	0.5 (20%)

PAINTING

It is recommended that the repairs are carried out using 2 Mini Sprayguns with 1.2mm tips. These should both be made ready before the repair is painted.

1. 7-159 Mixed Colour
2. PPG Spot Blender D8430

(Alternatively use 1 Mini-Spraygun and D8731 Spot Blender in Aerosol form)

APPLICATION

1. Apply the 7-159 over the immediate repair area only using a fade-in technique to minimise overspray.
Apply 1-2 coats to give opacity.
2. Spray D8430 Spot Blender (or D8731 Aerosol) in light coats over the overspray edge to re-dissolve the overspray edge and blend it in.

DRYING / POLISHING

Bake the repair at 50C for 30 minutes, dry by Infra-Red lamps, or air dry overnight.

When hard dry, the surface can be polished using PPG SPP1001 Polish or similar.

PRODUCT CODES AND DESCRIPTIONS

Selemix Code at 20°C	Short Code	Product Description	Packsize	
7-159/E0.75K	7-159	Direct Pro High Gloss	3.75	Kg
7-159/E15K	7-159	Direct Pro High Gloss	15	Kg
1.771.1000/E2.5K	7-110	2K Acrylic Topcoat Binder	2.5	Kg
9-154/E1	9-154	Medium Hardener For Acrylic	1	Lt
9-154/E5	9-154	Medium Hardener For Acrylic	5	Lt
1-159/E5	1-159	Reactive Thinner For Acrylic	5	Lt
D8430/E1	D8430	Spot Blender	1	Lt
D8731/E0.4	D8731	Spot Blender Aerosol	0.4	Lt
SPP1001/E1	SPP1001	Polish	1	Lt

HEALTH AND SAFETY

For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheets and Product can labels.

THIS PRODUCT IS FOR PROFESSIONAL USE ONLY

The information given in this sheet is for guidance only. Any person using the product without first making further enquiries as to the stability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of our experience and our policy of continuous product development. Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times.

FOR FURTHER INFORMATION PLEASE CONTACT:

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