


Registration Instructions for New Users

- ① Go to 3MCollision.com/Learn and then click “[SIGN IN](#)”.
- ② **Registered Users:** Enter your “User Name” and “Password” and click the “LOGIN” button. Jump to ⑧.
- ② **New Users:** Click the “[Register for Collision Repair](#)” link in the **ORANGE BOX** and complete the required information on the Registration Form. You will need your own unique eMail address.
- ③ Once all fields in the registration form are complete, click “SUBMIT” – a confirmation email will be sent to your email account to confirm your enrollment (this may take a few minutes to arrive in your inbox).
- ④ Click the activation link (“click here”) found on the confirmation email.
- ⑤ After clicking the activation link, the 3M™ Collision Repair Academy login page appears. Enter the email address and password you used to register, and then click Login.
- ⑥ After clicking Login, the 3M Extranet Access Agreement appears. In order to proceed, you must Accept the Agreement.
- ⑦ When the Confirmation Page appears, click “OK”.
- ⑧ You are now inside the 3M™ Collision Repair Academy.

If you have any questions or if issues arise during this process, simply [CLICK HERE](#) to submit a 3M Academy Help Ticket

Introduction to the
3M Collision Repair
Training Academy

Educational Resources from 3M



3M Science.
Applied to Life.™

Educational Delivery Channels



Social Media
YouTube™
In-Shop
eLearning
Virtual
Instructor-Led



Educational Resource Links



On-Line. On-Demand.



<https://www.youtube.com/user/3MAutoBodyRepair>

3M Collision Repair on YouTube



3M YouTube Content

Great Information – But not eLearning

35+ Tech Tip Videos

48 SOP Videos

- English, Spanish, French

14 Product Feature Videos

13 Chip Foose How-to's

Example: SOP Video's

- Process overview
- Limited specifics on materials
- No testing capabilities
- No reporting functionality

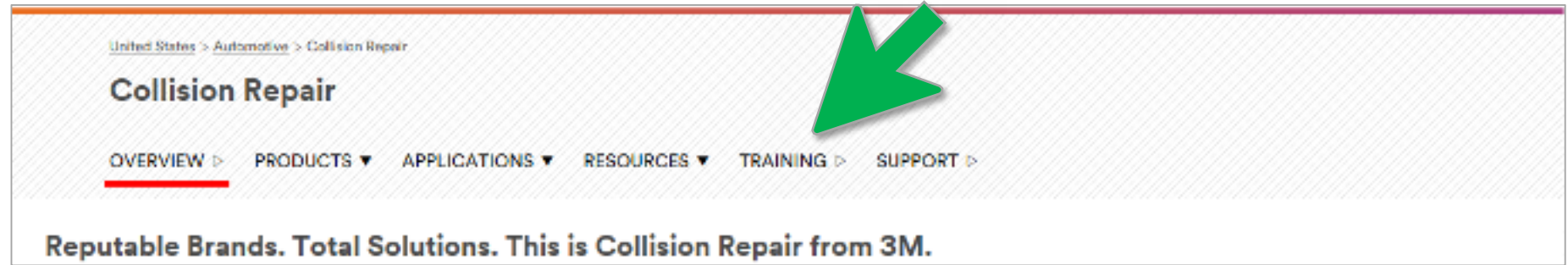


Educational Resource Links

On-Line. On-Demand.



3MCollision.com/Learn



3M Collision Repair Academy Online eLearning Platform




Introducing the 3M Collision Repair Academy

3MCollision.com > TRAINING > Collision eLearning

[United States](#) > [Automotive](#) > [Collision Repair](#)


Collision Repair

[OVERVIEW](#) ▸ [PRODUCTS](#) ▾ [APPLICATIONS](#) ▾ [RESOURCES](#) ▾ [TRAINING](#) ▸ [SUPPORT](#) ▸



Reputable Brands. Total Solutions. This is Collision Repair from 3M.

At 3M, the art and science of automotive collision repair is a crucial part of our longstanding connection to our customers. For decades we have crafted abrasives, adhesives and coatings to solve the latest auto body repair demands. These include our groundbreaking 3M™ Cubitron™ II and Trizact™ abrasives, 3M™ Platinum™ body fillers and our premium 3M™ Perfect-It™ compounds, polishes and pads. Our 3M™ Accuspray™ ONE spray gun, together with our 3M™ PPS™ paint preparation system, delivers new levels of efficiency in auto body paint and coating application. Every product, every solution, is backed by our expert technical team to guide you and your body shop every step of the way.



3M. Your trusted partner for Collision Repair.

3M products are trusted worldwide for vehicle repairs.

[PART NUMBER SEARCH](#)

Introducing the 3M Collision Repair Academy

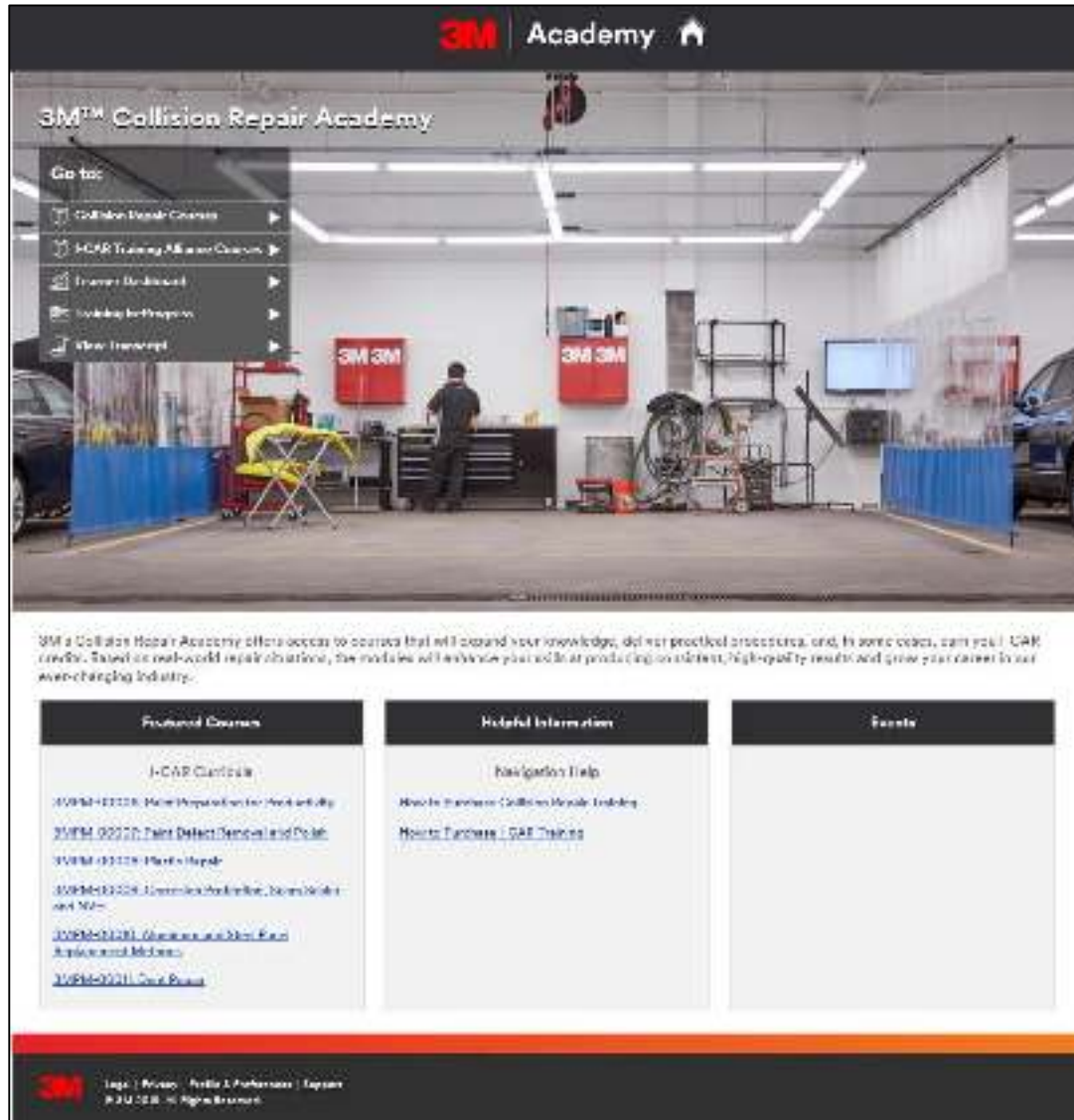


3M Collision Repair Academy – Sign In Now

There is a reason why thousands of collision workers trust 3M Collision Repair Academy for staying up to date on collision applications, products and theory. Log in or sign up to access online collision courses anytime, anywhere. 24x7.

[SIGN IN](#)[REGISTER](#)

3M Digital Educational Tools: 3M Collision Repair Academy



eLearning Format & Content

- Different from the “Top of the Trees” or “Quick Tip” videos found on YouTube™
- Formal, Structured, and Proven Courses based on the needs of Adult Learners

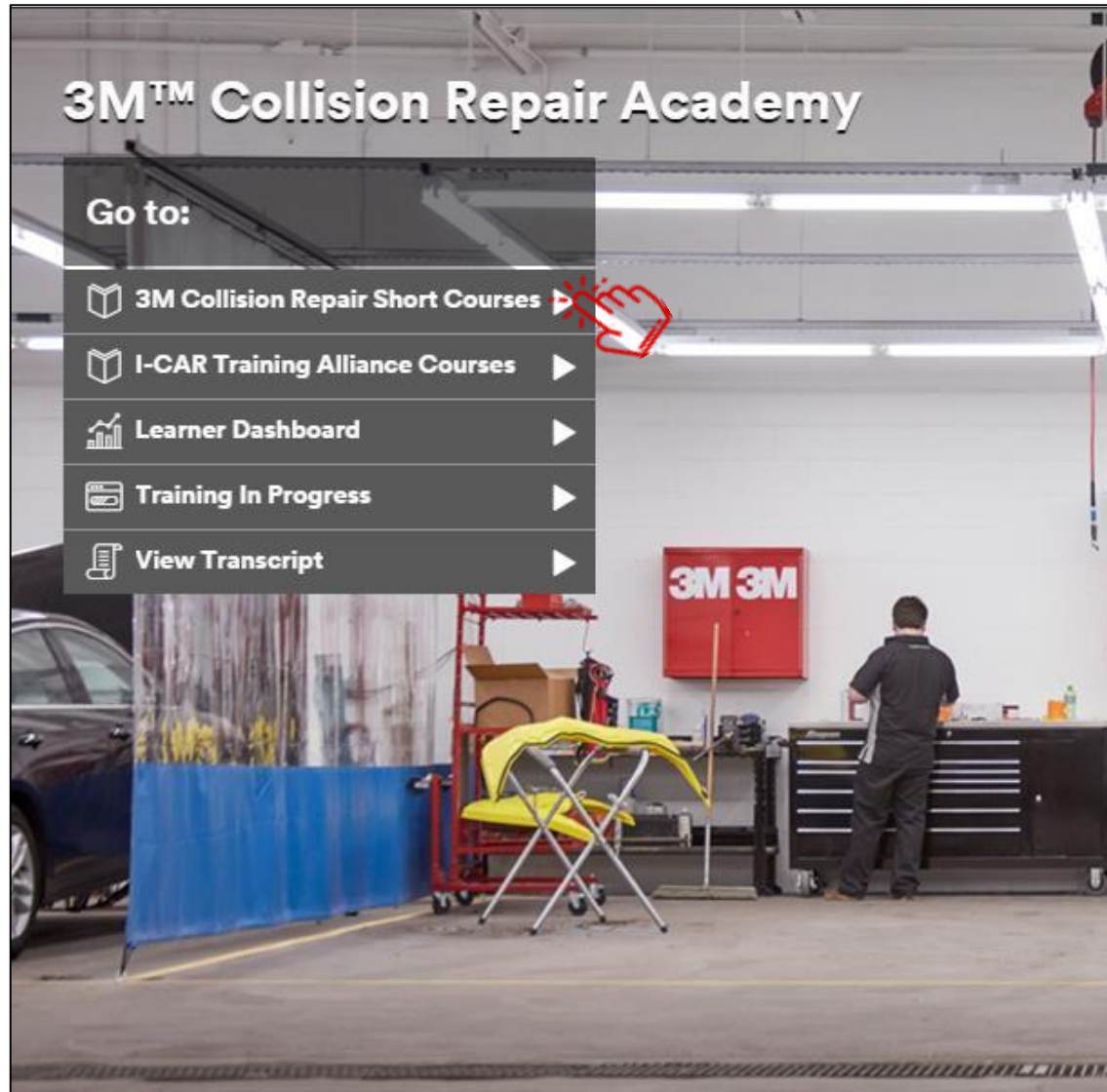
28 eLearning modules to address:

- Body/Repair Department
- Paint/Refinish Department
- Detailing Department
- Front Office / Estimating Education
- Foundational Product Knowledge

Can be used for:

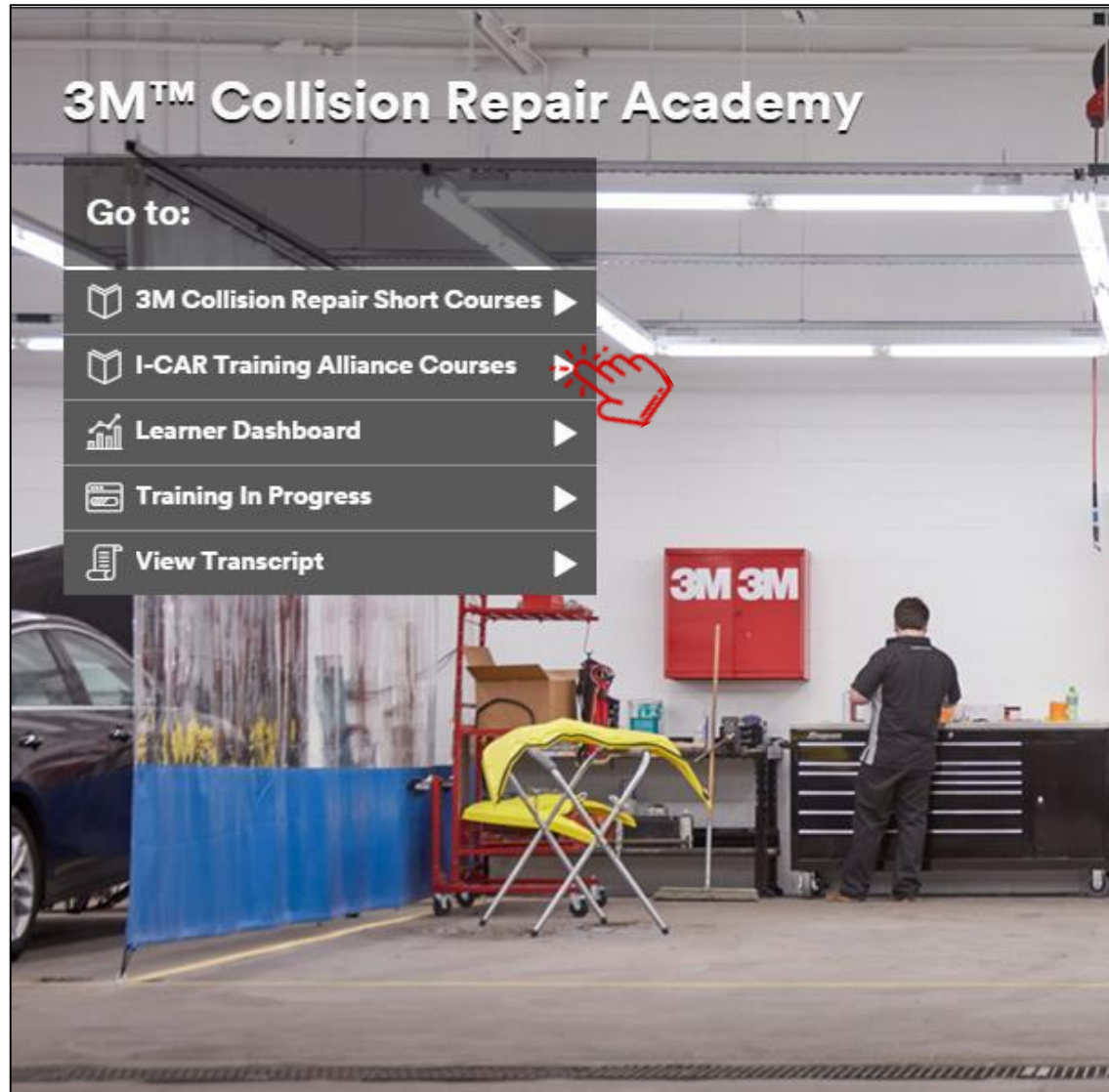
- Pre-work for Live Training
- Earning I-CAR Alliance and Pro-Level Points
- Training Office Staff on Repair Procedures so they can “write a better sheet”
- Tracking tech training for advancement or compliance

3M Collision Repair Short Courses



Course Name	Price	Currently
3M Collision Repair Materials Planner (CRiMP)	\$0.00	No Charge
Anti-Chip and Rocker Coatings	\$10.00	No Charge
Backside Reinforcement for Plastic Repairs	\$7.50	No Charge
Body Filler Repairs	\$12.50	No Charge
Collision Repair Materials 101: Abrasives	\$10.00	No Charge
Door Skin Replacement	\$10.00	No Charge
Feather, Prime, and Block	\$10.00	No Charge
General Masking	\$12.50	No Charge
Glaze Only Repairs	\$10.00	No Charge
Internal Cavity Wax	\$7.50	No Charge
Introduction to Plastic Repair	\$12.50	No Charge
NESHAP 40 CFR 63 Subpart 6H Training	\$0.00	No Charge
New Panel Preparation	\$10.00	No Charge
Paint Finishing and Detail	\$15.00	No Charge
Plastic Tab Repair and Reconstruction	\$10.00	No Charge
Repair and Blend Panel Preparation	\$10.00	No Charge
Repair of Cosmetic Plastic Surfaces	\$10.00	No Charge
Rivet Bonding	\$10.00	No Charge
Seam Sealers and NVH Applications	\$10.00	No Charge
Stationary Panel Removal	\$7.50	No Charge
Undercoatings	\$10.00	No Charge
Weld Sealing and Bonding	\$10.00	No Charge
+ Many More in Development		

I-CAR® Industry Training Alliance® Courses from 3M



Course Name		Price	Credits
Paint Preparation for Productivity	❶	\$50.00	2.0
Paint Defect Removal and Polish	❶	\$35.00	1.0
Plastic Repair	❶	\$45.00	2.0
Corrosion Protection, Seam Sealer, an NVH	❶	\$42.50	1.5
Aluminum & Steel Panel Replacement Methods	❷	\$40.00	2.0
Dent Repair		\$27.50	1.0

❶ ProLevel™ 1 Course

+ More Courses in Development...

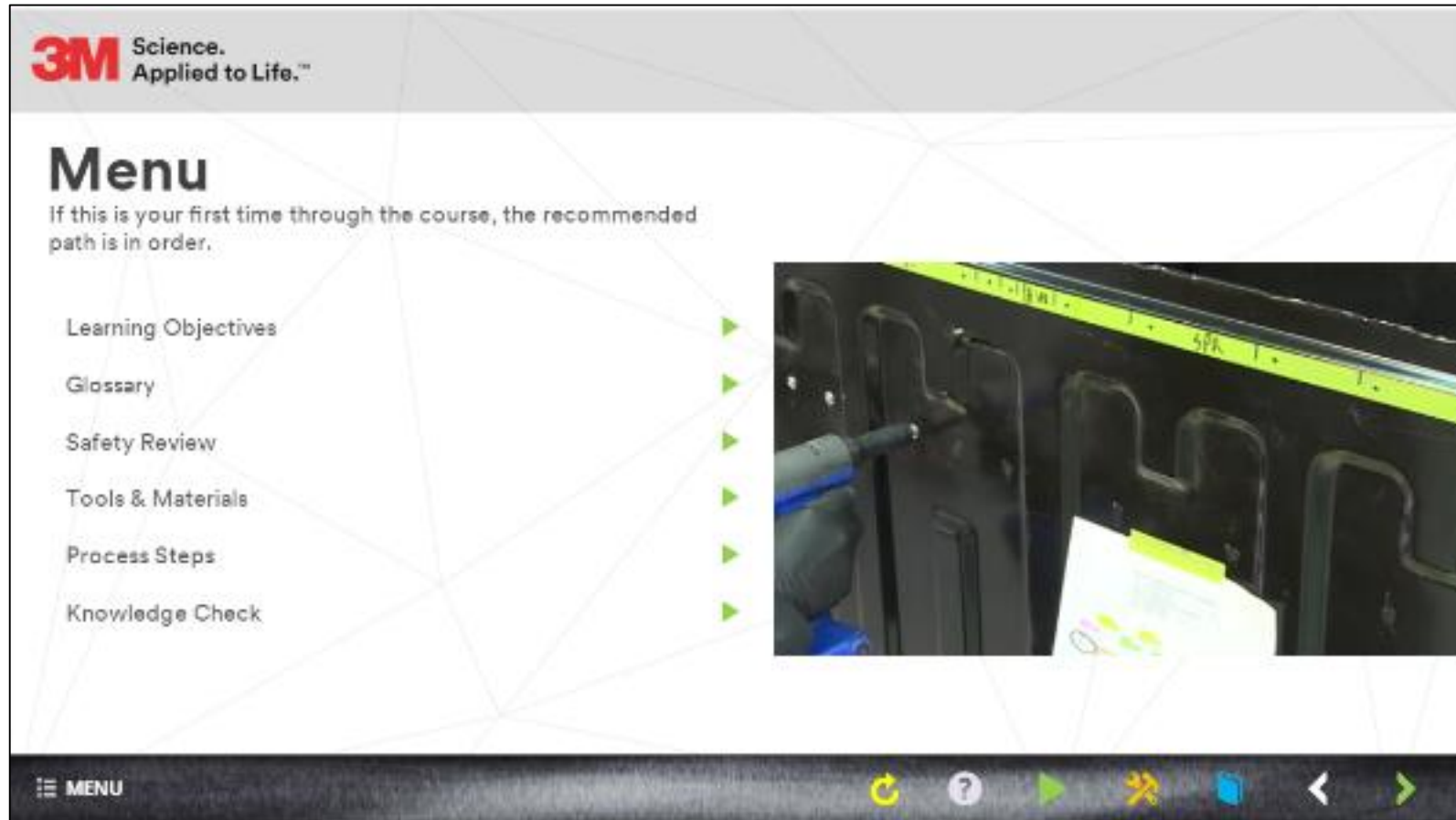
❷ ProLevel™ 2 Course

NOTE: The cost to register the Credits with I-CAR (a \$57 Value) is **INCLUDED** in the Price, plus 3M will handle all the details
No paperwork to send in.

3M Collision Repair Academy

eLearning Format and Content

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3M eLearning Format and Content

Learning Objectives

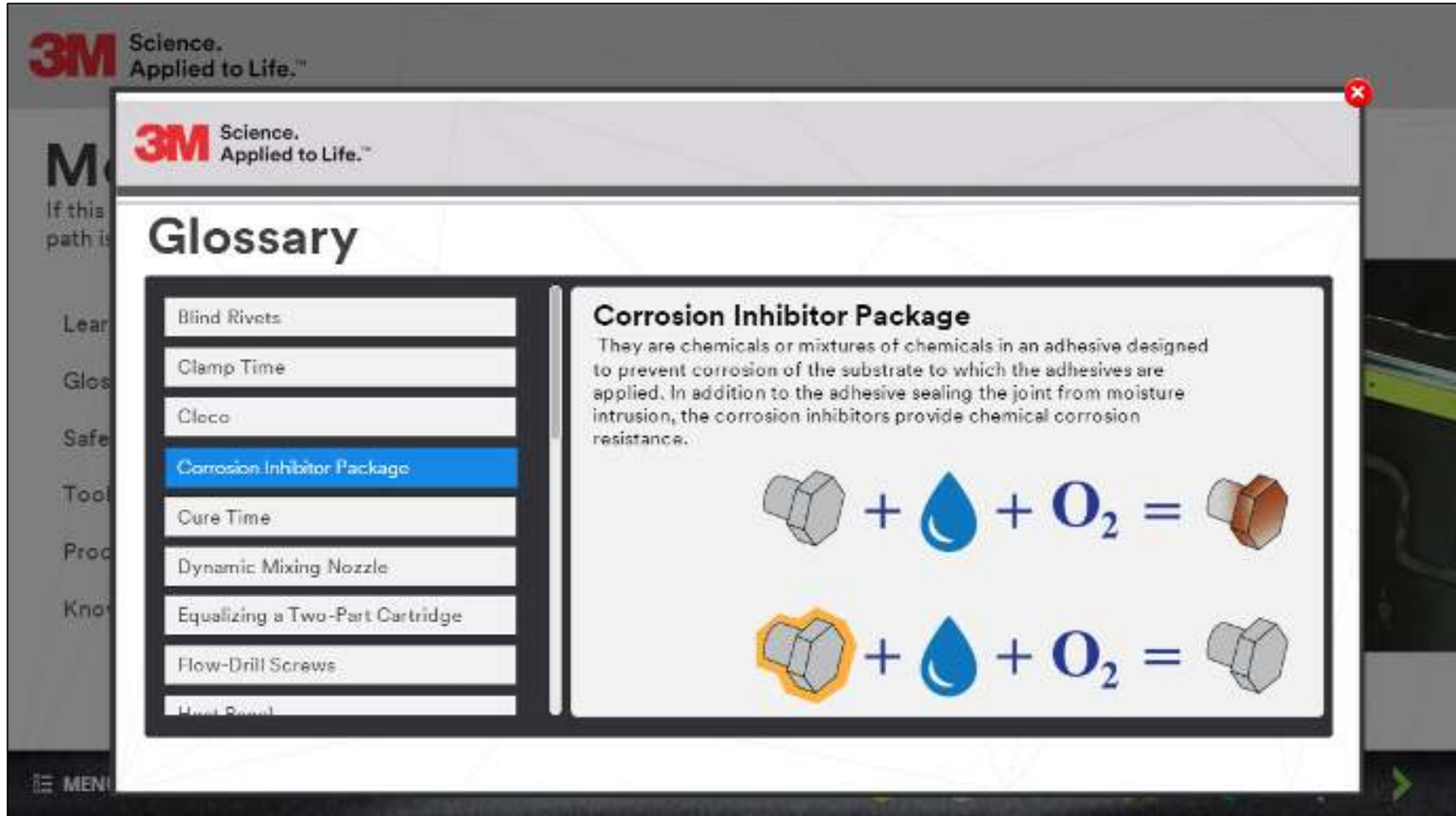


You will learn:

To explore the many advantages of combining rivets and adhesives, including:

- Improved corrosion protection
- Stiffer and quieter joints
- Increased impact resistance

3M eLearning Format and Content



The screenshot displays the 3M eLearning interface. At the top, the 3M logo and tagline "Science. Applied to Life." are visible. Below this, a sidebar on the left contains a "Glossary" section with a list of terms. The term "Corrosion Inhibitor Package" is highlighted in blue. The main content area on the right shows the definition for "Corrosion Inhibitor Package": "They are chemicals or mixtures of chemicals in an adhesive designed to prevent corrosion of the substrate to which the adhesives are applied. In addition to the adhesive sealing the joint from moisture intrusion, the corrosion inhibitors provide chemical corrosion resistance." Below the text, there are two chemical equations illustrating the process. The top equation shows a bolt reacting with water (H₂O) and oxygen (O₂) to form a rusted bolt. The bottom equation shows a bolt with a yellow protective coating reacting with water and oxygen, resulting in no corrosion.

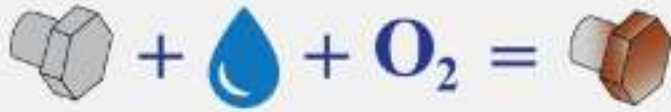

3M Science. Applied to Life.™

Glossary

- Blind Rivets
- Clamp Time
- Cloco
- Corrosion Inhibitor Package**
- Cure Time
- Dynamic Mixing Nozzle
- Equalizing a Two-Part Cartridge
- Flow-Drill Screws
- Heat Bond

Corrosion Inhibitor Package


They are chemicals or mixtures of chemicals in an adhesive designed to prevent corrosion of the substrate to which the adhesives are applied. In addition to the adhesive sealing the joint from moisture intrusion, the corrosion inhibitors provide chemical corrosion resistance.





3M eLearning Format and Content




3M eLearning Format and Content

 **Science.
Applied to Life.™**


Rivet Bonding > Tools 

Sanders


Click on a tool to view recommendations for the job.




3M™ Pistol Grip Disc Sander (33577)




3M™ Mini File Belt Sander,
330 mm (13 in) (33573)




3M™ File Belt Sander,
457 mm (18 in) (33575)




Applicators










Sanders



Miscellaneous

 MENU

3M eLearning Format and Content

 **Science.
Applied to Life.™**

Rivet Bonding > Materials 

Adhesives



**3M™ Impact Resistant Structural Adhesive,
200 mL Cartridge (07333)**

The 3M Impact Resistant Structural Adhesive also has a feature indicating when the curing process has begun through color change technology. Adhesive bead starts silver in color and changes to purple once curing is underway. Cured product is purple to indicate proper mixing and complete cure.

- Higher impact strength versus traditional bonding adhesives
- Adheres to all properly prepared steel and aluminum substrates
- Can be weld-bonded or rivet-bonded immediately after application
- Excellent extreme temperature performance
- Can be cured with heat (30 min at 80°C)
- Dispenses silver, cures purple to indicate proper mixing and curing
- Corrosion inhibiting formula with lifetime corrosion protection



Abrasives



Adhesives

 MENU

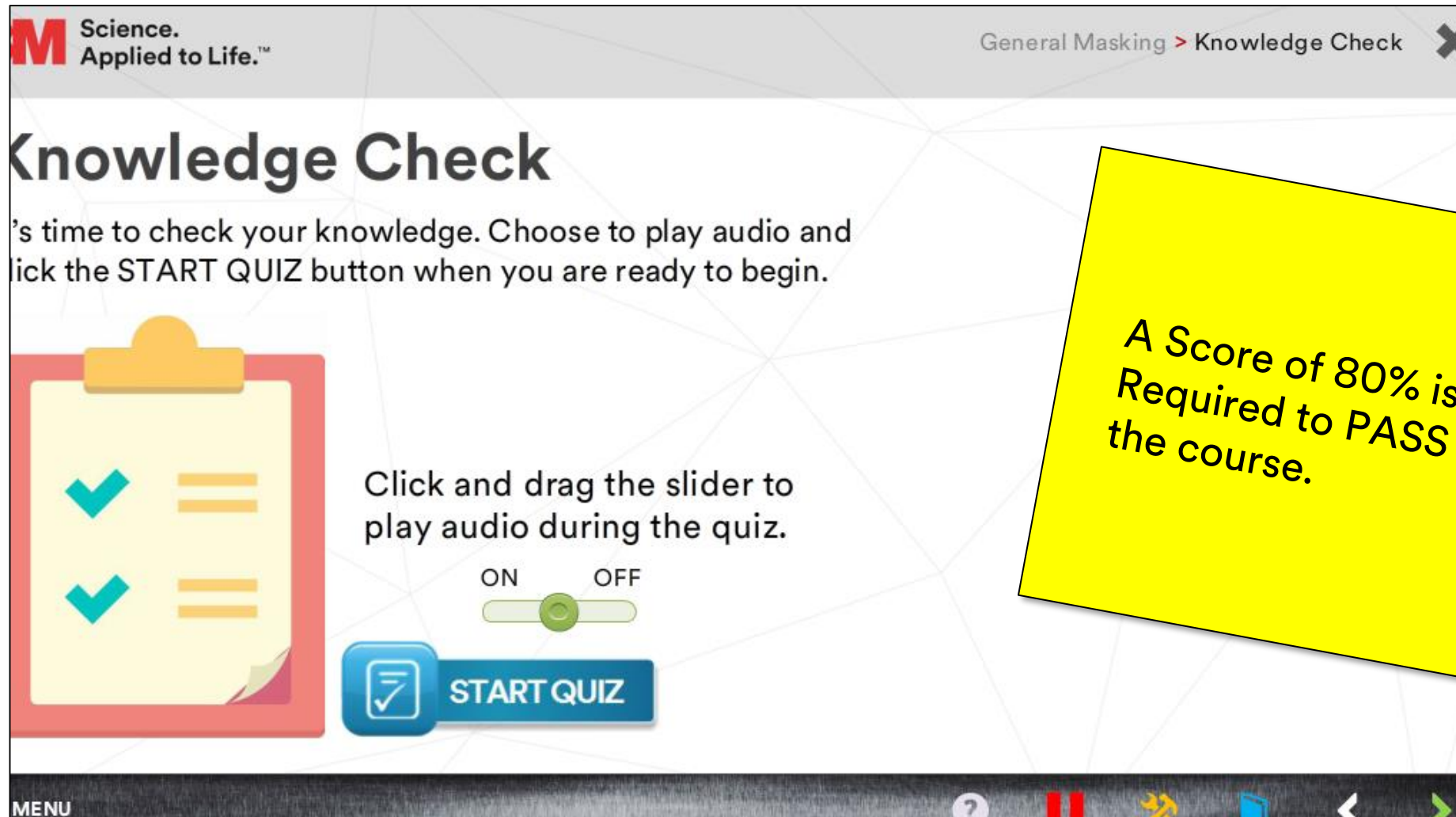
3M eLearning Format and Content

Process Steps

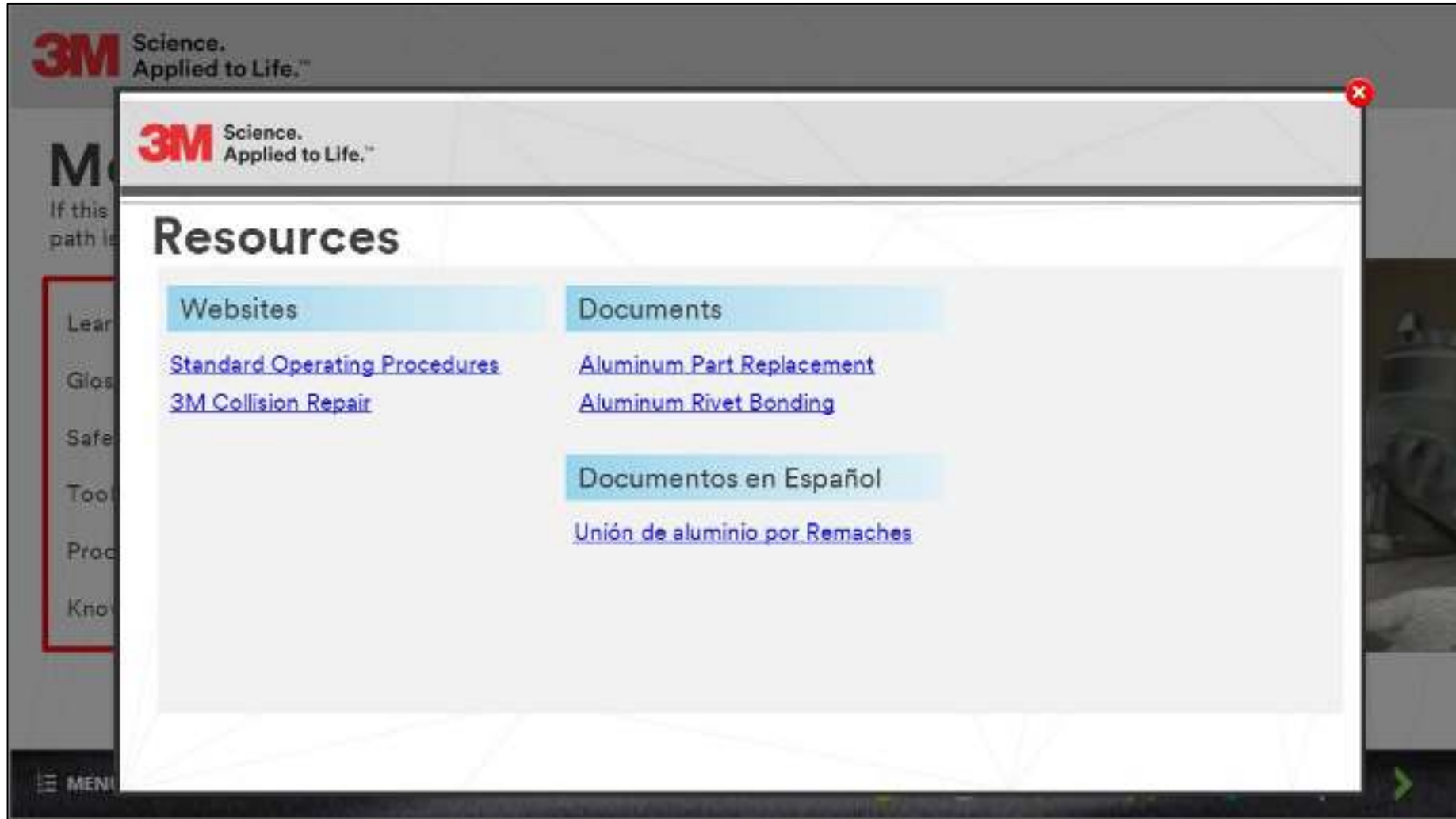
- Prepare the host panel mating flanges.
- Check fit and prepare replacement panel mating flanges.
- Apply adhesives to cover all bare metal areas.
- Apply additional bead of adhesive to one of the flanges to achieve proper bond-line thickness.
- Clamp in place and install rivets as per OEM recommendations.
- Remove excess squeeze-out before adhesive cures.



3M eLearning Format and Content



3M eLearning Format and Content



3M eLearning Format and Content

Documentation and Continuing Education

Aluminum Repair Procedures
Body Repair

Aluminum Part Replacement

- 1 Pre-Cleaning**
Remove loose dirt and debris from the repair area. Use a clean, lint-free cloth to wipe the area dry.
- 2 Sealer/Primer Removal**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- 3 Rivet/Spot Weld Removal**
Use a rivet puller to remove rivets. Use a spot weld remover to remove spot welds. Follow OEM recommended procedures for removal of rivets and spot welds.
- 4 Panel Separation**
Use a panel separator to separate the panels. Follow OEM recommended procedures for panel separation.
- 5 Surface Preparation**
Use a surface prep product to prepare the surface. Follow OEM recommended procedures for surface preparation.
- 6 Panel Installation**
Follow OEM recommended procedures for panel installation. Use a panel aligner to ensure proper alignment.

Product List

- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0001)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0002)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0003)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0004)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0005)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0006)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0007)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0008)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0009)
- 3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0010)

Think About Your Health

3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0001)

3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0002)

3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0003)

3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0004)

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3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0008)

3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0009)

3M Scotch-Brite™ Dual-Disc Sand Cloth (PS 0010)

Visit www.3M.com/repair for more 3M products and solutions.

Note: Use caution when working on aluminum parts. Use tools that have been cleaned properly or dedicated for use on aluminum. Do not use tools that have been used on steel or other materials.

For additional information, contact your local 3M Collision Repair representative.

3M

Aluminum Repair Procedures
Body Repair

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3M

3M Applied to Life™

Collision Repair

Reputable Brands. Total Solutions. This is Collision Repair from 3M.

3M's reputation for quality and innovation is well known. Our Collision Repair products are designed to provide the highest quality results for your business. Our products are designed to provide the highest quality results for your business. Our products are designed to provide the highest quality results for your business.

3M. Your trusted partner for Collision Repair.

EXPLORE 3M COLLISION REPAIR PRODUCTS AND SOLUTIONS

- Aluminum**
Repairing aluminum parts with 3M products. Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Adhesives, Coatings & Sealants**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Body filler & Shave**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Compounds, Polishes & Waxes**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Masking**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Paint Spray Equipment & PPE**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Panel Alignment**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Tools, Blocks and Accessories**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Surface Preparation**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Safety**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Heavy Duty Trucks**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.
- Marine**
Use 3M Scotch-Brite™ Dual-Disc Sand Cloth to remove sealer and primer from the repair area. Sand in a circular motion until the surface is smooth and free of contaminants.

3M eLearning Format and Content

Trackable Certificates of Completion

