Project completion

COMPLETED MEMBRANE CLEANING & LOCALIZED REPAIRS





Completed roof repair

Commercial Roofing Advisors cleaned the existing roof membrane to remove organic buildup, identified approximately 15 to 20 active leak points, and completed localized repairs using a layered urethane and silicone patch system.

The following pages document the completed repair process, roof cleanup and field photographs.

Roof access corridor

The same wall and equipment corridor, shown during preparation and after the work.

BEFORE / PREPARATION



Roof surface along the wall before the final cleanup and patch documentation.

AFTER



Cleaner roof field, with localized dark patch areas visible along the equipment corridor.

The photo sequence documents cleaning around equipment and wall transitions, followed by localized membrane treatments in the corridor.

Wall-side roof transition

Cleaning and localized patching near the base of the exterior wall.

DURING CLEANING



Cleaning solution, water and loosened surface buildup are visible along the wall-side membrane.

AFTER



The later photograph shows a cleaner surface and a localized dark repair at the wall transition.

The completed work included cleaning and localized membrane treatment along the wall-side transition.

Equipment-side puncture repairs

The equipment label and membrane seam provide matching visual landmarks.

BEFORE



A small membrane opening is indicated directly below the equipment base.

AFTER

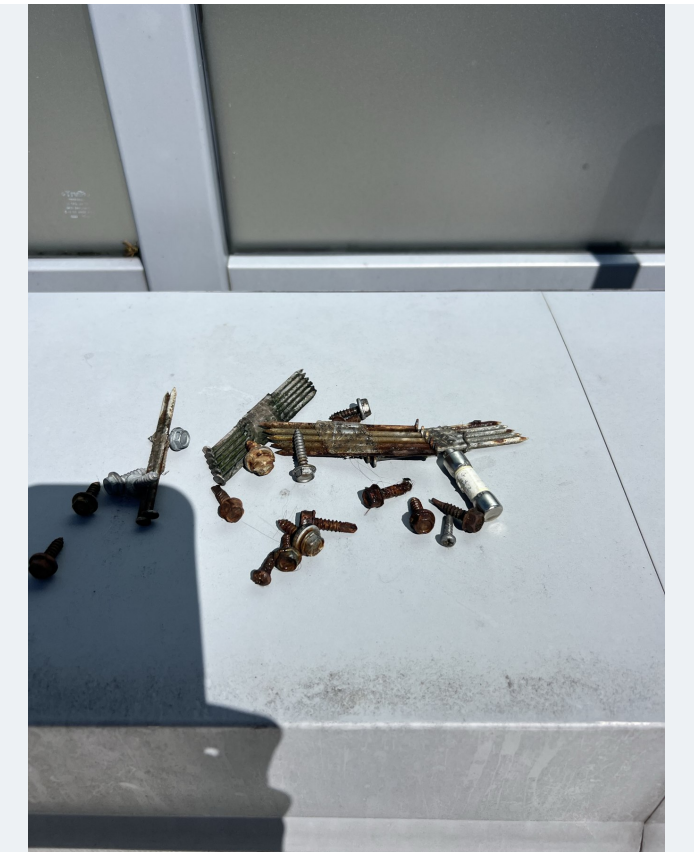


Two localized dark patch areas are visible around the same equipment base and seam.

The later image documents localized treatment around the equipment-side membrane opening.

Roof cleaning & debris removal

Loose hardware and debris collected from the roof work area.





Removed material included screws, hardware and litter

Joseph reported spending considerable time cleaning the roof section and picking up screws throughout the work. His photographs show collected fasteners, metal fragments and discarded packaging.

The crew cleared loose objects from the work area and cleaned around rooftop equipment and wall transitions as part of the completed service.

Photographs show the collected material and the cleaned roof areas.

Localized repair documentation

Representative photographs of completed membrane treatments around rooftop equipment.



01 | Wall-side corridor



02 | Equipment perimeter



03 | Pipe penetration area



04 | Roof field and existing detail



05 | Equipment and wall corner



06 | Wider equipment-area view

Representative views show localized treatments at equipment perimeters, wall-side areas and roof-field details.

How the membrane repairs were completed

The field sequence: clean, identify active leak points, apply urethane basecoat, then silicone topcoat.

1 | Clean and inspect

The crew cleaned organic buildup from the existing roof surface so the membrane could be inspected and worn areas, holes and leak points could be identified.

2 | Identify active leak points

Cleaning exposed approximately 15 to 20 worn or open membrane locations identified as active leaks and requiring localized treatment.

3 | Apply the urethane basecoat

At the identified locations, the crew applied a gray American WeatherStar urethane basecoat as the liquid patch adhesive.

4 | Allow the basecoat to dry

The urethane basecoat was allowed to dry before the next layer was applied.

5 | Apply the silicone topcoat patch

A silicone compound was applied over the urethane basecoat. Its affinity for the urethane provides a strong bond between layers; the silicone adds coating thickness and a highly reflective finish.

Purpose of the layered repair

The silicone topcoat bonds with the urethane basecoat, adds coating thickness and leaves a highly reflective finish over each treated location.

Roof cleaning and housekeeping

The completed service also included cleaning around equipment and wall transitions and removing loose fasteners, metal fragments and litter from the roof work area.

Completed repair narrative

Topgolf Columbus | Roof cleaning and localized membrane repairs.

Commercial Roofing Advisors cleaned the existing roof membrane to remove organic buildup and expose the surface for inspection. With the roof clear, the crew identified approximately 15 to 20 worn areas and openings where active leaks were present.

At each identified location, the crew applied a gray American WeatherStar urethane basecoat as the liquid patch adhesive. After the urethane dried, a silicone compound was applied as the topcoat. The silicone bonds to the urethane base, adds coating thickness and leaves a highly reflective finish over each repaired area.

The authorized roof-cleaning and localized repair work is complete. The photographs that follow document the roof conditions, repair work and cleanup at Topgolf Columbus.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 1-6 of 66



m20-00 | Linear membrane damage near seam.



m20-01 | Close-up of membrane mark and wear.



m20-02 | Small opening indicated by finger.



m20-03 | Wall-side corridor with localized treatments.



m20-04 | Crew view beside a localized treatment.



m20-05 | Wider cleaned equipment corridor.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 7-12 of 66



m20-06 | Localized treatment near wall base.



m20-07 | Equipment perimeter and adjacent roof field.



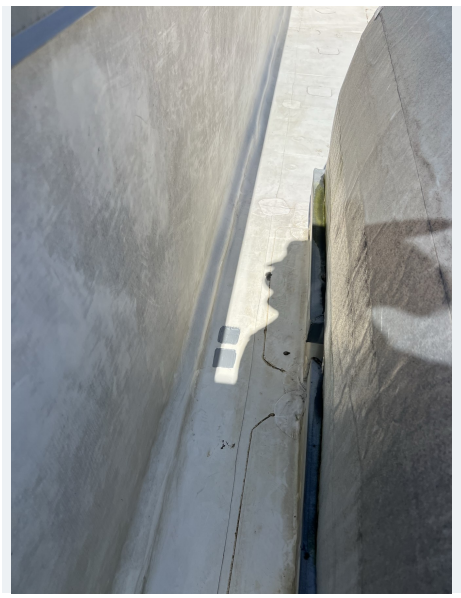
m20-08 | Equipment corner with treatment and staining.



m20-09 | Localized treatment along wall-side roof.



m20-10 | Equipment-side treatment close-up.



m20-11 | Narrow wall and equipment corridor.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 13-18 of 66



m20-12 | Membrane seam/detail near equipment.



m20-13 | Pipe penetration with adjacent treatment.



m20-14 | Two treatments near labeled equipment.



m20-15 | Equipment-side treatment and nearby detail.



m20-16 | Linear membrane damage close-up.



m20-17 | Existing rectangular detail and nearby treatments.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 19-24 of 66



m20-18 | Equipment/wall corner with treatments.



m20-19 | Wider equipment view with multiple treatments.



m20-20 | Treatment near equipment base and seam.



m20-21 | Roof field near labeled equipment.



m20-22 | Wall-base transition with localized treatment.



m20-23 | Roof along equipment coil and wall.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 25-30 of 66



m20-24 | Equipment corridor with staining and treatments.



m20-25 | Wall/equipment corner with localized treatment.



m20-26 | Opening examined near existing patch edge.



m20-27 | Closer view of the same examined opening.



m20-28 | Surface buildup and staining close-up.



m20-29 | Split in previously patched membrane area.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 31-36 of 66



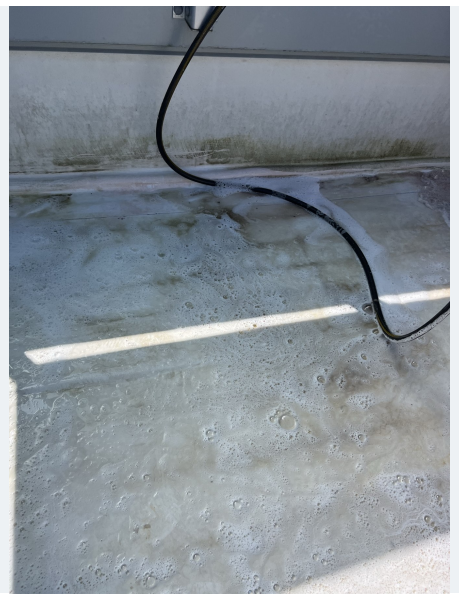
m22-00 | Roof-field puncture/detail close-up.



m22-01 | Membrane condition below labeled equipment.



m23-00 | Wall-side roof during preparation.



m23-01 | Hose in wall-side work area.



m23-02 | Cleaning underway along wall base.



m23-03 | Equipment/wall corner during cleaning.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 37-42 of 66



m23-04 | Narrow equipment corridor with buildup.



m23-05 | Cleaning work around equipment.



m23-06 | Existing patch edge/detail being examined.



m23-07 | Small defect indicated in membrane.



m23-08 | Surface defect beside existing repair.



m23-09 | Membrane and existing patch examination.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 43-48 of 66



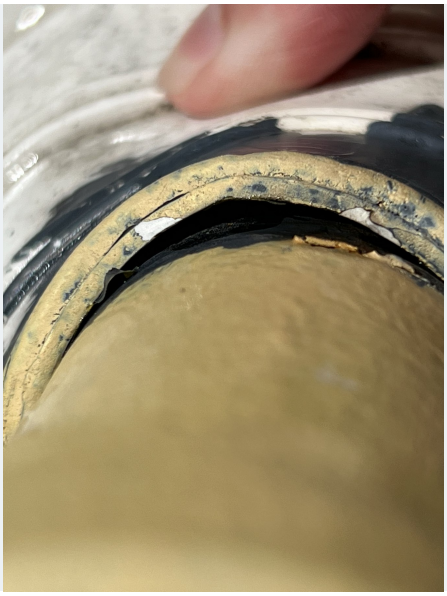
m23-10 | Patch edge/detail being examined.



m23-11 | Pipe-boot collar examination.



m23-12 | Pipe penetration and collar detail.



m23-13 | Close-up of separation at pipe collar.



m23-14 | Equipment corner and membrane detail.



m23-15 | Membrane examination near equipment label.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 49-54 of 66



m23-16 | Roof/wall-base condition detail.



m23-17 | Separated or worn edge at existing patch.



m23-18 | Collected screws and discarded packaging.



m23-19 | Collected loose screws, hardware and litter.



m23-20 | Fastener/detail at equipment curb.



m23-21 | Collected metal fragments and fasteners.

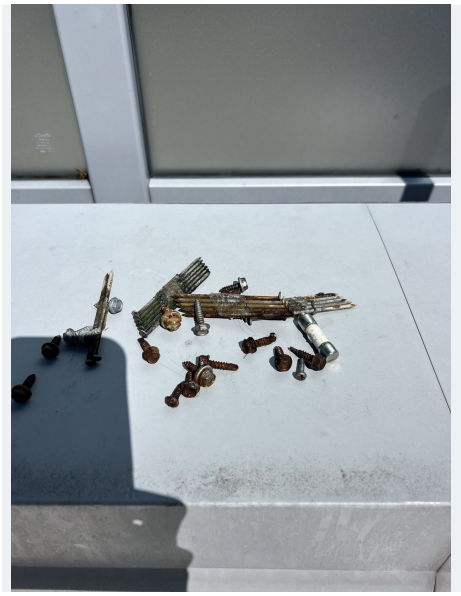
Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 55-60 of 66



m23-22 | Additional view of collected roof debris.



m23-23 | Wider view of collected screws and metal.



m23-24 | Membrane tear/detail beside staining.



m23-25 | Small membrane opening close-up.



m23-26 | Opening indicated below equipment label.



m25-00 | Worn membrane detail beside equipment.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.

Complete photo record

Joseph Cox | Shared September 26, 2026 | Photographs 61-66 of 66



m25-01 | Surface wear and buildup close-up.



m25-02 | Wider separate roof area and equipment.



m25-03 | Separate roof area with hoses and surface wear.



m25-04 | Roof field with substantial buildup.



m25-05 | Worn roof area beside equipment and wall.



m25-06 | Wall-side roof surface and membrane condition.

Photographs preserve the field documentation from the repair project. Some images show different views of the same roof area.