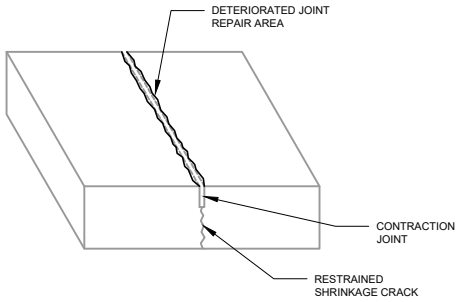
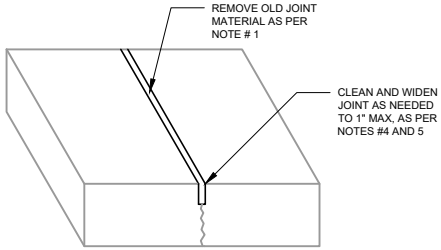
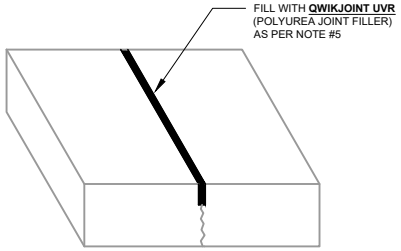


EXISTING CONDITION



JOINT PREPARATION



COMPLETED REPAIR

1 JOINT FILLER REPLACEMENT
NOT TO SCALE

GENERAL JOINT FILLER REPLACEMENT NOTES

1. JOINT FILLER REMOVAL:

REMOVE AND REPLACE EXISTING JOINT FILLER IN INTERIOR CONSTRUCTION AND CONTRACTION JOINTS IN SLABS-ON-GRADE, WHERE INDICATED OR AS REQUIRED BY FIELD CONDITIONS. IN ACCORDANCE WITH NOTES 2 AND 3, EVALUATE EXISTING JOINT FILLER TO DETERMINE WHETHER PARTIAL DEPTH OR FULL DEPTH REPLACEMENT IS REQUIRED. VERIFY EXISTING FILLER DEPTH, CONDITION, AND CONTINUITY, INCLUDING THE PRESENCE OF BACKER ROD, VOIDS, DEBRIS, OR FOREIGN MATERIALS THAT MAY INHIBIT PROPER INSTALLATION OF NEW JOINT FILLER. PROBE, PRE-DRILL, OR OTHERWISE INVESTIGATE EXISTING JOINTS AS REQUIRED TO CONFIRM FIELD CONDITIONS PRIOR TO INSTALLATION. PERFORM JOINT FILLER REPLACEMENT CONTINUOUSLY ALONG THE REQUIRED JOINT LENGTHS, INCLUDING UP TO THE BASE OF RACK SYSTEMS OR OTHER FIXED EQUIPMENT, AND PROVIDE CLEAN, UNIFORM TRANSITIONS BETWEEN EXISTING AND NEW JOINT FILLER MATERIAL.

2. PARTIAL DEPTH JOINT FILLER REPLACEMENT:

PERFORM PARTIAL DEPTH JOINT FILLER REPLACEMENT WHERE EXISTING JOINT FILLER IS STABLE AND CANNOT BE FORCED DOWNWARD WITH FIRM HAND TOOL PRESSURE, BUT EXHIBITS A CONCAVED, RECESSED, OR CHATTERED SURFACE PROFILE, DIRT ACCUMULATION, OR COHESIVE OR SIDEWALL GREATER THAN 1/32 INCH (0.8 MM).

PARTIAL DEPTH REPLACEMENT SHALL ONLY BE PERMITTED WHERE THERE IS NO EVIDENCE OF BACKER ROD, FOREIGN DEBRIS, OR VOIDS BELOW THE EXISTING FILLER.

USING A DRY-CUT, FIRE-RESISTANT, VACUUM-EQUIPPED SAW, WITH A SLIGHTLY OVERSIZED BLADE AS REQUIRED FOR JOINT FILLER REMOVAL AND PREPARATION, CUT DOWN THROUGH THE EXISTING JOINT FILLER A MINIMUM OF 1/2 INCH (12 MM) FROM FINISH FLOOR. CUT WIDTH SHALL BE SUFFICIENT TO ENCOMPASS THE WIDEST SPALL ALONG A GIVEN JOINT SEGMENT AND PRODUCE CLEAN, STRAIGHT JOINT FACES WITH SQUARE EDGES. INSTALL JOINT FILLER FULL DEPTH OF PREPARED CAVITY, OVERFILL, AND SHAVE FLUSH WITH ADJACENT CONCRETE SURFACE.

3. FULL DEPTH JOINT FILLER REPLACEMENT:

PERFORM FULL DEPTH JOINT FILLER REPLACEMENT WHERE EXISTING JOINT FILLER IS LOOSE AND CAN BE FORCED DOWNWARD WITH FIRM HAND TOOL PRESSURE, WHERE VOIDS, DEBRIS, OR BACKER ROD ARE PRESENT WITHIN 2 INCHES (50 MM) BELOW THE FILLER, WHERE JOINT FILLER DEPTH IS LESS THAN THE ORIGINAL SAW CUT, WHERE COHESIVE OR SIDEWALL ADHESION SEPARATIONS ARE GREATER THAN 1/32 INCH (0.8 MM).

RE-SAW JOINT FULL DEPTH USING A DRY-CUT, VACUUM-EQUIPPED SAW WITH A SLIGHTLY OVERSIZED BLADE. CUT WIDTH SHALL BE SUFFICIENT TO ENCOMPASS THE WIDEST SPALL ALONG A GIVEN JOINT SEGMENT AND PRODUCE CLEAN, STRAIGHT JOINT FACES WITH SQUARE EDGES. REMOVE ALL EXISTING JOINT FILLER, BACKER ROD, DEBRIS, FOREIGN MATERIALS, AND LAITANCE IN PREPARATION FOR REFILLING.

PLACE JOINT FILLER FULL DEPTH TO BASE OF ORIGINAL SAW CUT. WHERE DEPTH OF JOINT EXCEEDS 2 INCHES PLACE CLEAN DRY SILICA SAND IN BOTTOM OF JOINT TO WITHIN 2 INCHES (50 MM) MINIMUM OF FLOOR SURFACE. INSTALL JOINT FILLER IN ONE OR MULTIPLE LIFTS AS REQUIRED, OVERFILL, AND SHAVE FLUSH AFTER INITIAL MATERIAL CURE.

4. JOINT PREPARATION:

PREPARE JOINTS TO PROVIDE CLEAN, SOUND, DRY, AND OPEN-TEXTURED JOINT FACES CAPABLE OF DEVELOPING PROPER BOND WITH THE NEW JOINT FILLER. JOINT FACES SHALL BE FREE OF DUST, DIRT, OIL, DEBRIS, PAINT, CURING COMPOUNDS, SEALERS, LAITANCE, AND OTHER CONTAMINANTS THAT COULD INTERFERE WITH BOND. USE DRY-CUT, VACUUM-EQUIPPED SAWING AND REMOVAL EQUIPMENT FOR JOINT PREPARATION. FINAL PREPARATION SHALL INCLUDE COMPLETE VACUUM REMOVAL OF SAW CUTTING RESIDUE, DUST, AND LOOSE MATERIALS IMMEDIATELY PRIOR TO INSTALLATION OF JOINT FILLER.

5. JOINT FILLER:

INSTALL JOINT FILLER IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS, LIMITATIONS, AND ENVIRONMENTAL REQUIREMENTS.

REPAIRED JOINT WIDTH SHALL NOT EXCEED 1 INCH (25 MM). CONTACT ENGINEER IF EXISTING JOINT EDGE DAMAGE NECESSITATES JOINT REPAIR WIDER THAN 1 INCH (25 MM).

INSTALL JOINT FILLER FULL DEPTH OF THE PREPARED CAVITY. OVERFILL JOINTS AND SHAVE FLUSH WITH ADJACENT CONCRETE SURFACES AFTER INITIAL MATERIAL CURE. FINISHED JOINT FILLER SHALL BE FLUSH WITH ADJACENT SLAB EDGES, SMOOTH, AND FREE OF VOIDS, CONCAVING, RECESSING, CHATTERING, AND OTHER SURFACE DEFECTS.

EUCLID CHEMICAL

EUCLID CHEMICAL CONCRETE RESTORATION SYSTEMS

Detail: CONTRACTION/CONSTRUCTION JOINT FILLER REPLACEMENT

File Name: JR-06

Drawn by:	Checked by:	Scale:	Date:
AMH	BDG	NTS	4/10/2026

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Note: These paragraphs and details are meant to be incorporated into a project's general structural notes or directly onto the plans. They must be carefully reviewed by a qualified design professional and edited to meet the particular requirements of the project at hand, assure compliance with any governing building codes, and coordinate with other specification sections and drawings. In no case shall these guide specifications be considered to be contract documents or serve as installation instructions for the product being discussed. In any cases of discrepancy, the manufacturer's most recently published data sheet shall take precedence.