

CEVA EXPANSION JOINT REPAIR PROCEDURE

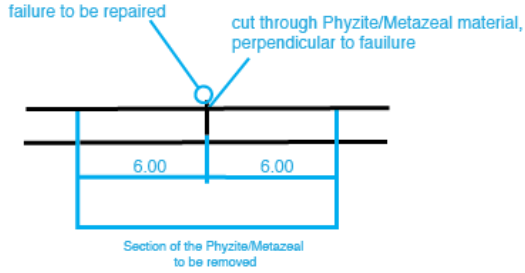
BE SURE TO READ INSTRUCTIONS THOROUGHLY BEFORE BEGINNING ANY WORK THIS WILL INSURE THAT YOU HAVE THE PROPER EQUIPMENT ON HAND WHEN NEEDED THE EPOXY BONDER CURES REPIDLY AND MAY NOT ALLOW WORKERS TO BREAK TO OBTAIN NECESSARY EQUIPMENT

- Measure the length of the damaged area and mark it appropriately. Add 6-12 inches to each side of the material that will be removed (plus the damaged amount) when ordering the material for replacement. It is also important to make sure that you have enough **Eva-Pox Bonder No. 1**. When placing your order, keep in mind the material should be oversized (in width) by 25% or the appropriate amount as dictated by conditions.
- Using a sharp knife (utility) begin by cutting parallel to the bond line. Cut the full length on both sides of the section to be removed. Then, cut perpendicular to the bond line (at the marks made in the previous step) so that all the damaged material may be removed. Protect or cover the Joint Material that is being left in place so that the removed area can be cleaned and prepped.
- Using mechanical abrasion, or sandblasting, clean the exposed joint opening edge removing all bonder, contaminants, and any and all joint material from the are being replaced.
- Following the normal installation instructions that accompany each shipment, mix the appropriate amount of **Eva-Pox Bonder No. 1**. Apply the bonder to the edges of the substrate (leaving the very end near the existing material blank) taking care not to get any bonder on the edges of the remaining/existing **Expansion Joint Material**. You may use a clean trowel, piece of flashing, or even wood cut to fit against the existing edge of the already installed material to protect against this.
- Apply the bonder to the sides of the replacement Joint Material, making sure to fill the grooves. Do not get any bonder on the ends of the joint material as this will interfere with the heat welding of the replacement material to the existing Seal.
- Starting approximately one linear foot from the end, immediately insert the replacement material, leaving 1-2 inches overhanging the existing material and continue towards the center. Repeat this procedure at the other end. The last part of the material to be inserted into the joint must be the ends, taking care not to get any bonder on these ends. Remove any excess bonder from the surface of the material, using a tool such as a margin trowel.
- Using a prepared device such as a trowel or other metal that has been cut to the joint size, heat the trowel or tool with a small propane wand to approximately 350⁰F. Do not overheat as this could damage or burn the expansion joint material.
- Insert the heated trowel in-between the existing material and the newly installed Joint Material. Hold for approximately eight seconds, depending upon ambient conditions. The excess material will cause some compression that will complete the weld and restore the waterproof integrity of the joint.

Expansion Joint Repair

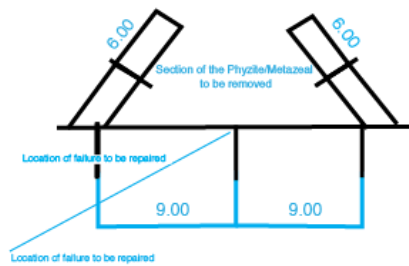
STEP #1

Cut through Physizite/Metazeal material, perpendicular to the failure



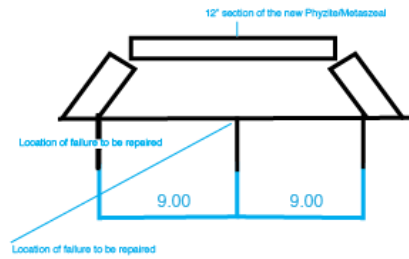
STEP #2

Pull Physizite/Metazeal out of the joint, and remove 6" on either side of the failure



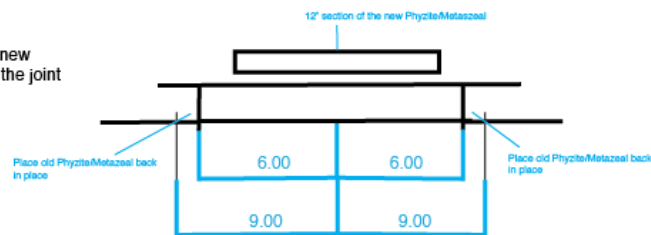
STEP #3

Prepare the new 12" section of Physizite/Metazeal



STEP #4

Place the old and new material back into the joint opening



STEP #5

Weld the new Physizite/Metazeal section into place

