

Installation Guideline: EJC (Expansion Joint Compound)

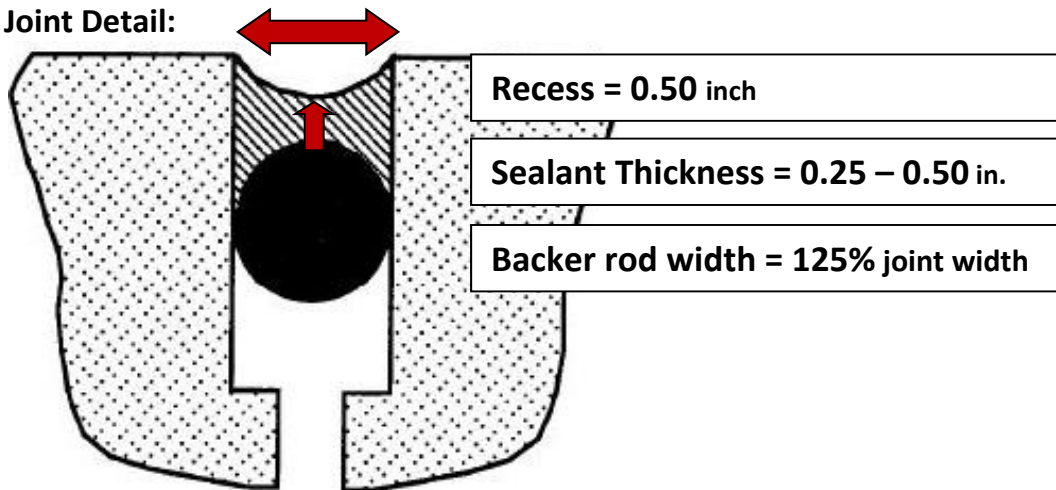
Overview:

- Dimensions
- Equipment & Supplies
- Sealing joints next to FASTPATCH header
- Sealing joints next to Concrete header

Dimensions:

Width	Sealant Depth	Backer Rod	Recess from Top Surface
0.125 – 1.0 inch	0.125-0.50 inch	125% width	0.25 inches
1.0 – 2.0 inches	Max. 0.50 inch	125% width	0.50 inches
Greater than 2.0 inches	Not recommended		

Joint Detail:



Equipment & Supplies:

EJC 600ml Cartridge	Manual dispenser 600ml
POLYPRIME 600ml Cartridge	Mechanical dispenser 600ml
Dry concrete saw blade	Regulated compressed air, maximum 60 psi
Compressor, dry 120 PSI	Quart container
Wire-brush that will fit within joint	Dry sand
Backer rod, 1.25x width of joint	Paint brushes
Tape, 2 inch wide painters tape.	

Sealing joints next to header:

1. Saw-cut edges of joint wall edge on both sides with a dry concrete saw down 2 inches **(Photo 1)**.
2. Blow out joint area with a minimum 120 PSI **(Photo 2)** continuously dry compressed air. Blow in one direction to prevent re-contaminating joint walls.
3. Inspect joint walls to make sure it is free of dust and dirt before continuing. Use a wire brush to remove any dust or dirt and re-blow joint area.
4. Using a tool, install backer rod approximately 1 inch below the lowest surface surrounding the joint. **(Photo 3)**
5. Tape over where backer rods connect in the joint to prevent leaking of the EJC.
6. Prepare POLYPRIME Bonding Agent cartridge for dispensing. Make sure mixing tube is attached straight and do not cross thread nut. Point up and trigger to fill mix tube. Manually trigger 6 times into a waste container.
7. Manually dispense POLYPRIME Bonding Agent in quart container and brush apply a thin layer to joint walls. Do not apply to backer rod and do not puddle in joint. Refer to technical data sheet for further instructions.
8. Allow to cure and test by touching surface. POLYPRIME is cured when it doesn't transfer to a glove. Protect primed area from dust and moisture.
9. Prepare EJC Cartridge for dispensing by connecting mixing tube to cartridge. Make sure mixing tube is straight and do not cross thread nut.
10. Hold cartridge upright **(Photo 4)** and place in Mechanical Dispenser (max. 60 PSI). Failure to keep upright will result in poor mixing and clogged mix tube.
11. Point up and trigger to fill mix tube. When product reaches end of mixing tube, dispose of a small amount (dispense for 3 seconds into waste container) before dispensing in application area.
12. Immediately begin dispensing 0.25-0.50 inches of EJC in the joint and below surface ½ inch. Continuously trigger until cartridge is empty. Do not trigger on/off.
13. After 10-minutes broadcast dry sand to refusal **(Photo 5)** over the joint sealant.

