

EJ-500	Compression Fit	Neoprene
SEAMING		
EJ-500 is fabricated in a single piece and is continuous for its entire length. (If required for phasing or other reasons, field seaming of two straight pieces can be done by vulcanization or chemical splice.)	Typically available in straight pieces only. All turns must be spliced in the field.	Patches required at all seams such as end of roll, any turns or transitions beyond a straight line.
DETAILS		
EJ-500 details (corners, turns, etc...) are all prefabricated and factory vulcanized to the joint ready for installation in a single uninterrupted piece.	All detail work beyond a straight line required work on site to seam straight pieces together.	Flat sheet of material that must be worked around all details in the field. Details also do not have the quality or consistency of factory fabricated transitions.
MOVEMENT		
> 500% elongation at break. Design movement of up to +/- 10" Tolerates horizontal, vertical and shear movement simultaneously.	Typically restricted to +/- 50% movement. The joints are installed within the joint gap and thus require a much larger gap width than the anticipated movement. Does not tolerate shear movement very well.	Neoprene does not move. It requires excess material in the form of a loop to move. The loop creates inherent detailing problems. Does not tolerate shear movement very well.
DRAINAGE		
EJ-500 is flat and does not obstruct water flow.	A compression fit joint sits inside the joint gap and does not obstruct water flow.	Since neoprene relies on excess material at the joint to allow for movement, it will restrict water flow if raised or collect water if looped inside the gap.
INSTALLATION		
Since all details and transitions are pre-fabricated within the joint, the installation is quick and easy. Installed in 4 simple steps using the membrane already being installed on site. EJ-500 is encapsulated into the membrane making the waterproofing continuous across the joint.	The joint opening must be specially prepared and cleaned prior to the installation of the joint. Specialty adhesives and/or compression equipment is required to adhere and/or expand the material into place. Joint is separate from the membrane (i.e. no continuity between the two).	Material cost is low; however, it requires a considerable amount of on site labor to install since it must be worked around all details in the field.