

1.0 GENERAL**.1 Summary**

- .1 Consultant is to obtain input from Building Envelope Professional at early stage in design development.
- .2 Complete and continuous protection from infiltration by air, water vapour, and water requires careful detailing and specifying.
- .3 Joint sealants are not to be used as a primary method of waterproofing or shedding water. Provide flashings, claddings, overhangs, etc. to provide protection from the elements.

2.0 ADMINISTRATIVE AND SUBMITTAL REQUIREMENTS**.1 Performance and Design Requirements**

- .1 Specify high performance elastomeric sealants.
- .2 Specify sealants that are capable of withstanding dynamically moving joints in exterior applications for long periods of time. Design for minimum 20 year life.
- .3 Design joints such that widths are typically 4 times as wide as anticipated movement due to:
 - .1 Thermal stresses.
 - .2 Seismic events.
 - .3 Structural movement.
 - .4 Wind loads.
 - .5 Other movement.
- .4 Develop details, select sealants, and involve manufacturers so as to obtain high performance, durability, and low-maintenance.

.2 BCIT Submittals

- .1 Closeout Submittals:
 - .1 Provide for itemized list that includes manufacturer/distributor names, sealant types, color formulation and warranties. Indicate each for locations.

3.0 QUALITY ASSURANCE**.1 Quality Control and Assurance**

- .1 Incorporate quality assurance programs in the contract documents and in conjunction with manufacturers and specialist companies of this trade, and the envelope consultant.

Consultants are to provide complete specifications, and review these Technical Standards documents to include BCIT requirements within the specifications as applicable to the project.

*** END OF **JOINT SEALANTS** SECTION ***