

Specifying Joint Sealants: Selection & Design Considerations



Formal CPD Activity Questions

1. Identify 5 correct functions of a joint sealant:

- A. Absorb movement of building materials
- B. Minimize sound transmission
- C. Allow moisture to penetrate a joint
- D. Waterproofing / weather seal
- E. Aesthetic / architectural sealing
- F. Inhibit movement of adjacent materials
- G. Prevent spread of smoke/fire
- H. Transfer sound to internal spaces

2. A 20mm joint has been designed to accommodate 5mm expansion and 5mm compression. What minimum movement capability does the sealant require?

- A. 10% or $\pm 5\%$ minimum movement capability
- B. 50% or $\pm 25\%$ minimum movement capability

3. True or false:

When sealing a dynamic joint, the use of a backing rod or bond breaker tape is optional

- A. True
- B. False

4. When should a joint be primed?

- A. Prime all joints with the appropriate primer as recommended by the sealant manufacturer.
- B. Only external joints require priming

5. True or false:

In a building of Type A or B Construction, joint sealants used in external wall assemblies are required to be non-combustible?

- A. True
- B. False



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6. Which of the following sealant technologies are paintable after full cure has been achieved?

- A. Acrylics
- B. Polyurethanes
- C. Silicones
- D. Hybrids

7. What is sealant staining and how can it be avoided?

- A Sealant staining occurs when excess sealant is smeared onto adjacent surfaces during installation. It can be avoided by taping either side of the joint prior to application of the sealant.
 - B Sealant staining occurs when non-reacted plasticizers, solvents or fluids leach out of the sealant and into adjacent surfaces creating a wet look. It can be avoided by selecting products that do not contain plasticizers, are not diluted and by compatibility prior to application.
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Name: _____

Please email completed answers to specification.au@bostik.com to receive your personalised record of completion for your CPD log.

