

CHAPTER 7F

CALKING AND SEALANTS

7F-01. CALKING

a. Submittals

- (1) Are the certified laboratory test reports acceptable?
- (2) Is the descriptive data approved?
- (3) Have the samples been approved? Will testing be necessary? Are the colors as required?

b. Material

- (1) Check grade, color, and the other required label information and compare with samples and test reports.
- (2) Check storage protection, exposure temperatures and shelf life limits.

c. Area Requiring Calking or Sealants

Joint symbols and details are shown on the drawings. The contractor will indicate in his submittals where each type and color will be used. Joints must be constructed as detailed.

d. Preparation

- (1) Check to assure that material used is from batch tested.
- (2) Have grooves of adequate depth been provided, and are they clean? This includes removal of the temporary protective coating.
- (3) Has the required primer been coated over the surface to receive calking? Has the test been made on sample surfaces?
- (4) Has the backstop or bond-preventative material been installed?
- (5) Check for masking tape to protect adjacent surfaces.

e. Application

- (1) Make certain that the workmen have the proper type of gun.
- (2) See that grooves are the indicated shape. Proper depth, regulated by the inserted backing material, is very important to joint performance.
- (3) See that appearance is uniform and relatively smooth.
- (4) Do not allow smears of calking. A coating of sealer must be applied to the calking bead.

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(5) Calking compound (TT-C-598) is normally not used on the exterior.

(6) Sealant No. 3 (TT-S-1657) is not used where it would be contacted by pedestrian traffic.