

E-Z Strip Vinyl Expansion Control Joint

Applicable Standards and References

ASTM C840
ASTM C844
Gypsum Association GA-216
Gypsum Association GA-234 (Fire-Resistant Applications)

Recommendations

Installation of Phillips E-Z Strip Expansion Control Joints should be consistent with methods and requirements described in the noted standards and references or as modified below.

Joint location – Ceilings:

Gypsum wallboard: Maximum single dimension 50 ft with a maximum area of 2,500 sq. feet.

Joint location – Partitions:

Maximum single dimension between vertical joints should not exceed 30 ft for drywall. Door or window frames are preferred areas for installing joints. These are high stress points and allow for easy application.

Application

Framing: The framing behind the expansion control joint should not be continuous. In partitions, place two studs spaced approximately 1/4" to 3/8" apart, where the joint occurs. This allows each leg of the joint to be attached over separate studs. The location of the joint in the ceilings should occur at high stress points such as between light fixtures, heat outlets or air diffusers. Where ceilings have a structural wood carrying beam flush with ceiling joints, the joint should be placed directly below and parallel to the carrying beam.

Fasteners: The Phillips E-Z Strip Expansion Control Joint should be applied with 1/2" or 9/16" staples (Duo Fast No. 5016, No. 6018 or equal). Staples should be spaced not to exceed 6" o.c. along each leg. Staples should be driven either between or across holes with crown at 45° angle from the long dimension of the joint. When butting two pieces of the joint, the crown of the staple should run parallel to the joint with one leg piercing each piece of material. The expansion control joint should fit snug against the substrate. Drive additional staples if required to snug flanges against the base surface.

Finishing

Wallboard: After stapling the Phillips E-Z Strip Expansion Control Joint in place, apply a first coat of joint compound and allow to dry before applying finishing coat(s) of joint compound.

Application of joint compound should be continuous over the flexible portion of the joint. Material must be troweled tight over screed to remove all material from face of screed. This is necessary to obtain a clean edge when removing flexible vinyl strip.

Stripping: Flexible strip is easily removed after joint treatment application has been completed and allowed to dry. Simply lift or pierce one end of the flexible strip and pull out.