

A.H. Harris & Sons, Inc.



CONSTRUCTION SPECIALTIES

*Since 1916*

## Description

Harris Polyethylene Joint Filler is designed for use in expansion joints in horizontal slabs and decks of poured concrete, or in expansion joints between precast panels and structural members. It is made of a closed cell polyethylene foam to a density that gives it a firmness that completely fills the joint as it reacts to movement. It resists compression yet flexes readily to absorb the expansive forces of concrete under thermal change.

Harris Polyethylene Joint Filler is pre-expanded and waterproof so the moisture of fluid concrete does not affect its dimensional integrity. It is lightweight, ultra violet and chemical resistant, is not affected by most oils. It is durable and remains flexible in cold weather, even down to a temperature of -65°F.

Harris Polyethylene Joint Filler is made with the unique “strip off” edge and as such is called “Harristrip off”. This style is perforated ½ inch from its outside or top edge to permit easy removal after it’s installation in the joint. This creates a uniform ½ inch deep void at the expansion joint to receive caulking or sealing material.

## Polyethylene Expansion Joint Filler

### Advantages:

- Lightweight and economical
- Flexible-easy to fit to curved joints and circles
- Compatible with cold applied sealants
- Non-impregnated-non bleeding-non staining
- Dry and Clean-easier to handle
- No bond-breaker needed

### Application

Harris Polyethylene Joint Fillers are suggested for expansion joints in slabs, sidewalks, pavements, floors and decks of poured concrete, whether joints are to be sealed with caulks or sealants, or left open to the weather. They are also suggested for expansion joints between precast concrete panels and structural members where the “strip off” edge helps create a neat and uniform void for the application of caulks or sealants.

### Specifications

Harris Strip-off complies to ASTM D 3575 and ASTM D 3576 standards.

### Installation

For poured concrete slabs, floors, decks, etc. Select a Polyethylene Joint Filler of a thickness that equals ¼ inch for each 20 feet or less of the spacing between joints, or as the architect specifies. Width of the filler should equal the thickness of the slab. For cold joints, piece the joint filler against the slab form to bring the top edge of the



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filler level with the screed level of the concrete. For expansion joints in a continuous pour, "cut" the Polyethylene Joint Filler into the wet concrete with a metal straightedge so the top of the filler is at screed level.

When Harristrip-off joint filler is used, be sure that the filler is inserted with the "strip-off" edge in the up position. Do not remove the "strip-off" top until the concrete has set, or until the joint is to be caulked or sealed.

For precast panels and structural members, the thickness and width of the filler should follow the architect's specification. During installation, the filler is inserted with its "strip-off" edge flush with the exposed face of the panel member. Do not remove the "strip-off" top until the joint is ready to be sealed.

#### Limitations

Harris Polyethylene Joint Filler is suggested for use only with cold applied caulks and sealants such as silicone, polysulfide and polyurethane based materials. It should never be used with hot melt pavement seals with temperatures over 200°F. (93°C)