

# STRUCTURAL CONCRETE



## Thermoplastic Single Ply and Multi-Ply Roofing Systems

800-969-0108 • 610-916-9501 (Fax)  
 2670 Leisz's Bridge Road, Suite 400, Leesport, PA 19533  
 e-mail: flexroof@cs.com • www.flexroofingsystems.com

### PRODUCT DESCRIPTION

The Flex Masonry Anchor is designed to attach termination bar to concrete or masonry walls. This fastener is available with either a long-lasting stainless steel or zinc plated steel pin. There are two diameters available, 1/4" and 3/16". The lengths range from 7/8" to 2".

### APPLICATION

Predrill a 1/4" or 3/16" hole using a carbide tip SDS or straight shank drill bit. The diameter of the hole must match the shank diameter of the Masonry Anchor. The predrilled hole must be a minimum of 1/2" deeper than the anchor embedment. The Flex Masonry Anchor is then installed with a hammer.

Minimum fastener embedment into the wall should be 5/8" for the 3/16" shank Masonry Anchor and 3/4" for the 1/4" shank Masonry Anchor.

## MASONRY ANCHOR



### Fast Facts

The Flex Masonry Anchor is designed to attach termination bar to concrete or masonry walls.

#### FEATURES & BENEFITS

- Typical pullout values in cured concrete (3000 psi) are 400 lbs. for the 3/16" shank diameter, 800 lbs. for the 1/4" shank diameter zinc alloy anchors.
- Available with either long-lasting stainless steel or zinc plated steel pin.
- The GSA number for government projects is FFS-325, Group V, Type 2, Class 3 for zinc alloy anchors.

#### PLATES & ACCESSORIES

To be used with channel, lip or flat termination bar depending on application. See Pressure Bar section.

Use a 1/4" or 3/16" carbide tip SDS or straight shank drill bit. See Accessories section.

#### PHYSICAL DATA

	Cat. No.	Diam.	Length	Packaging	Weight
All Flex Masonry Anchors are available in 1000 piece bulk cartons or 1000 piece cartons which contain ten 100 piece boxes.	MA316	3/16"	7/8"	1000	10 lb
	MA034	1/4"	3/4"	1000	15 lb
	MA001	1/4"	1"	1000	20 lb
	MA114	1/4"	1 1/4"	1000	22 lb
	MA112	1/4"	1 1/2"	1000	25 lb
	MA002	1/4"	2"	1000	31 lb
<b>Diameter:</b>	<b>3/16" or 1/4"</b>				
<b>Material:</b>	<b>Zinc Alloy</b>				
<b>Pin Material:</b>	<b>Zinc Plated Steel or Stainless Steel</b>				
	<b>STAINLESS STEEL PIN</b>				
	MA001SS	1/4"	1"	1000	19 lb
	MA114SS	1/4"	1 1/4"	1000	22 lb
	MA112SS	1/4"	1 1/2"	1000	25 lb
	MA002SS	1/4"	2"	1000	32 lb

# ACCESSORIES

## MASONRY ANCHOR

### SPECIFICATIONS

The fastener will be a Flex Masonry Anchor. The fastener must meet GSA specification number FFS-325, Group V, Type 2, Class 3. The fastener must be made in America.

### APPLICATION

Predrill a 1/4" or 3/16" hole using a carbide tip SDS or straight shank drill bit. The diameter of the hole must match the diameter of the Masonry Anchor. The predrilled hole must be a minimum of 1/2" deeper than fastener embedment. The Flex Masonry Anchor is then installed with a hammer.

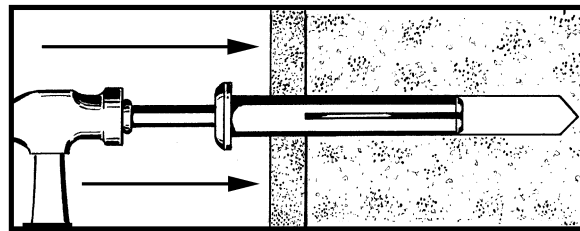
Minimum fastener embedment into the substrate should be 3/4" for a Masonry Anchor with a 1/4" diameter or 5/8" for a Masonry Anchor with 3/16" diameter.

### PHYSICAL DATA

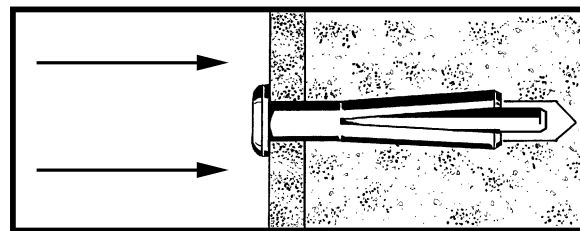
Shank Diameter: 3/16" or 1/4" Shank Material: Zinc Coated Steel or Nylon

Pin Material: Zinc Coated Steel or Stainless Steel

Packaging: 1000/Bulk Carton or 1000/Carion of ten individual 100 count boxes.



1. Insert Flex Masonry Anchor through the mounting holes in the termination bar and into the predrilled hole.
2. Tap lightly until head of anchor body is set gently against the termination bar.



3. Hammer pin flush to expand the body.

**Flex**<sup>™</sup>

Thermoplastic Single Ply and Multi-Ply Roofing Systems

800-969-0108 • 610-916-9501 (Fax)  
2670 Leisz's Bridge Road, Suite 400, Leesport, PA 19533  
e-mail: flexroof@cs.com • www.flexroofingsystems.com