

W-013 Anchor FX

two-component, epoxy acrylate based chemical anchor system

00:00 FAST DRYING

Attributes

- Fast Curing
- Material is easily applicable with gun
- Material color remains constant
- Resistant to many chemicals
- Applicable all the surfaces including high moisture content surfaces

Uses

WECO® W-013 Anchor FX™ is developed for use in building anchor applications, including concrete, marble, stone and perforated brick surfaces, use it as a fast curing anchoring epoxy system for shoot planting works in concrete and rock walls and montage applications demanding resistance for high loads

Product Information

WE1279131	W-013 ANCHOR FX (300 ml)
Shelf Life	12 months in unopened packaging, at temperatures between +5°C and +25°C. (40 °F - 77 °F). out of direct sunlight.
Packaging	cartridge 10 oz (A + B)
Color	Beige (resin), Hardener (dark grey)
Appearance	Paste

Technical Information

Chemical Structure	epoxy acrylate
Specific Gravity (Comp. A)	13.5 ± 0.25 Lb./Gal (1,62±0,03 kg/cm3)
Specific Gravity (Comp. B)	10.8 ± 0.25 Lb./Gal (1,30 ± 0,03 g/cm3)
Complete Curing	7 days - 77 °F (25°C)
Application Temperature	41 °F to 95 °F (+5 °C to +35 °C)
Temperature Resistance	-22 °F to 212 °F (-30 °C to +100 °C)
Service Temperature	32 °F to 212 °F (0 °C to +100 °C)

Technical Information

Curing Time		
Temperature	**Usage (min)**	**Total Curing (min)**
40°F (5°C)	12	50
59°F (15°C)	6	35
77°F (25°C)	3	30
95°F (35°C)	2	25

Tensile Load for Concrete			
Anchor Diameter	**Min. Hole Diameter**	**Hole Depth**	**Max. Tensile Load**
5/16” (8 mm)	3/8” (10 mm)	3-1/8” (80 mm)	1,574 lb. (7 kN)
3/8” (10 mm)	1/2” (12 mm)	4” (100 mm)	2,473 lb. (11 kN)
1/2” (12 mm)	5/8” (14 mm)	4-3/4” (120 mm)	3,597 lb. (16 kN)

Coverage
Estimated quantity of anchors[1]
69
31
16

Values for C35 Ribbed İron (Yield Strength 50ksi)

[1]Total number of anchors from a 10 Oz cartridge assuming waste of 10% due to initial extrusion and considering 75% depth of hole full

Surface Preparation

Drill a hole suitable diameter for the anchorage rod (by using a driller), clean the hole from dust, grease and dirt by using a brush or air flow.

Application

Remove the cap of the cartridge and cut the foil, place the static mixer on the top of the cartridge, place the cartridge in a standard gun, make initial extrusion of WECO® W-013 Anchor FX™ until it becomes completely grey (about 4 to 6 inches) and don’t use unmixed part. Once the product has been mixed homogeneously fill the hole up to 2/3 of its depth and place the anchorage rod to be fastened rotating. Product’s curing must complete for service to open.

Caution

Avoid contact with skin and eyes. Use in well-ventilated places. Don’t breathe vapors. Do not smoke when using the product. KEEP OUT OF REACH OF CHILDREN. Refer to the product's safety information on the Safety Data Sheet (SDS).

Warranty

Our liability regarding this product is limited to its replacement or its refund value should it not comply with our specifications and does not include any application costs.

For more info please contact us
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