

# UCAN

## FASTENING PRODUCTS

# FLO-ROK® 5 MAX



UCAN FLO-ROK® FR5 MAX is a styrene free epoxy acrylate adhesive that incorporates the latest technology in adhesive anchoring. The unique properties of the two component, high strength anchoring adhesive provide low stress fastening.

FR5 MAX is an excellent choice for anchoring & dowelling and is ideal for use in a wide range of temperatures from -20°C to over 30°C. A matching static mixing nozzle, as well as FLO-ROK's low mix ratio sensitivity, ensures thorough, 10:1 mixing of the resin and the hardener. FR5 MAX is available in 2 sizes - 10 oz., and 28 oz. cartridge perfect for high volume applications such as rebar dowelling.

UCAN FLO-ROK® FR5 MAX anchoring adhesive is specifically formulated for continuously threaded steel rod and deformed steel reinforcing bar anchoring to resist static, wind or earthquake (Seismic Design Categories A through F) tension and shear loads in cracked and un-cracked, normal-weight concrete having a specified compressive strength,  $f'_c$ , of 2,500 psi to 8,500 psi (17.2 MPa to 58.6 MPa). The FLO-ROK® FR5 MAX adhesive anchors are designed to be used for floor (vertically down), wall (horizontal) anchoring applications

### FEATURES:

- IAPMO ER0490
- ACI 318 Category 1 anchor for cracked & uncracked concrete
- Tested in accordance to AC 308 for long term sustained load at standard and elevated temperature.
- Seismic resistance
- Use friendly, low odour, styrene free & MMA free
- Meets LEED guidelines; low VOC
- Moisture insensitive, non sag formula
- Suitable for damp and water filled holes
- Shelf life 1 year, store cartridge at +5°C to +25°C before use
- Meets CSA A23.3-14, Annex D requirements

### TYPICAL APPLICATIONS:

- Rebar dowelling
- Highway and bridge construction
- Machine, crane and hoist installation
- Hollow wall anchoring applications
- Renovations

### APPROVALS / LISTINGS:

-  IAPMO ER0490
- 2015, 2012, 2009, 2006 and 2003 International Building Code® (IBC)
- 2015, 2012, 2009, 2006 and 2003 International Residential Code® (IRC)
- MTO MI 120 Approved
- MTQ Approved

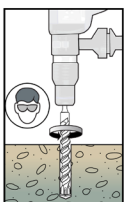
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[www.tinyurl.com/ucanrokd](http://www.tinyurl.com/ucanrokd)

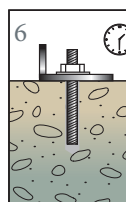
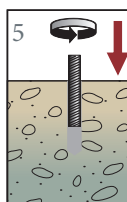
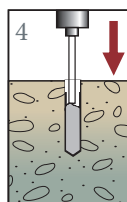
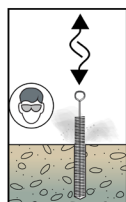
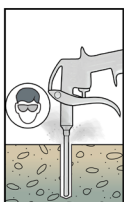


### INSTALLATION:

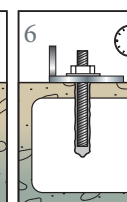
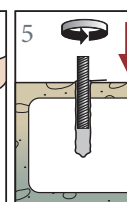
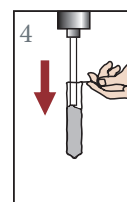
To ensure optimal anchor performance, use **UCAN** ANSI compliant drill bits.



Hole preparation



Solid Applications



Hollow Wall Applications



# FLO-ROK® 5 MAX



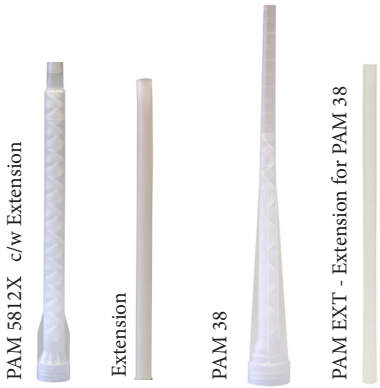
FR5-10MAX



FR5-28MAX

### CURING TIME

Temperature	Gel Time	Full Cure
-20°C to -10°C	16 min.	24 hours
-10°C to 0°C	16 min.	24 hours
0°C to +5°C	16 min.	12 hours
+5°C to +10°C	10 min.	145 min.
+10°C to +15°C	8 min.	85 min.
+15°C to +20°C	6 min.	75 min.
+20°C to +25°C	5 min.	50 min.
+25°C to +30°C	4 min.	40 min.



Available in 2 sizes / Dispensing nozzle included

Part Number	Size	Cartridge Type	Case Qty.	Case Wt.	Nozzle	Dispensing Tool
FR5-10 MAX	10 oz	Single	12	14 lbs	PAM 38, PAM EXT	PA 100
FR5-28 MAX	28 oz	Side by side 10:1	6	32 lbs	PAM 5812X	PA 3600 / PA 5000K



PA 5000K  
Battery Powered



PA 3600  
Manual



PA 100  
Manual

PA 5000K, includes carrying case, 2 batteries and charger.

- UCAN offers a full range of FLO-ROK® stainless steel screens for hollow wall anchoring



[www.tinyurl.com/ucanrok](http://www.tinyurl.com/ucanrok)

Subject to change without prior notice