

LIQUID ROC® 300 CAPSULE

AVAILABLE MATERIALS

- Capsules – polyester resin base, quartz sand, benzoyl peroxide hardener
- Chamfer cut rods – A307 steel, zinc plated. Other sizes, materials and finishes available upon request



FEATURES/ADVANTAGES

- Pre-measured adhesive
- No expensive dispensing tools
- Sand and aggregate mixture is closest to natural concrete

CONCERNS

- Hole must be of correct diameter and depth
- Do not use overhead
- Must use chamfer cut or chisel pointed rod
- 24 month shelf life
- For short term loading only

APPROVALS/LISTINGS

- Contact customer service for approvals/listings for state D.O.T's

LIQUID ROC 300 CAPSULE ANCHORS

Anchor Diameter	Hole Diameter	Embedment Depth	Capsules Required
3/8"	7/16"	3-1/2"	(1) 3/8"
3/8"	7/16"	5-1/4"	(2) 3/8"
3/8"	7/16"	7"	(2) 3/8"
1/2"	9/16"	4-1/2"	(1) 1/2"
1/2"	9/16"	6-3/4"	(1) 3/8" & (1) 1/2"
1/2"	9/16"	9"	(2) 1/2"
5/8"	11/16"	5"	(1) 5/8"
5/8"	11/16"	7-1/2"	(1) 1/2" & (1) 5/8"
5/8"	11/16"	10"	(2) 5/8"
3/4"	7/8"	6-1/2"	(1) 3/4"
3/4"	7/8"	9-3/4"	(1) 5/8" & (1) 3/4"
3/4"	7/8"	13"	(2) 3/4"
7/8"	1"	7-1/2"	(1) 7/8"
7/8"	1"	11-1/4"	(2) 3/4"
7/8"	1"	15"	(2) 7/8"
1"	1-1/8"	8-1/2"	(1) 1"
1"	1-1/8"	12-3/4"	(1) 3/4" & (1) 1"
1"	1-1/8"	17"	(2) 1"
1-1/4"	1-3/8"	7-1/4"	(2) 3/4"
1-1/4"	1-3/8"	11"	(1) 3/4" & (1) 1"

CURE TIME

Concrete Temperature	Time
Over 68°F.	10 min.
50° to 68°F.	20 min.
32° to 50°F.	1 hr.
23° to 32°F.	5 hrs.

ORDER DETAIL

Capsule Order Code	Chamfer Cut Rod (2)	Anchor Size	Hole Dia.	Impact Socket Size	Min. Embedment	Ultimate Tensile & Shear Loads in Lbs.* Concrete Strength (P.S.I.)				Capsule		Rod	
						3000 P.S.I.		5000 P.S.I.		Box Quantity	Master Quantity	Box Quantity	Master Quantity
						Tension	Shear	Tension	Shear				
3206000	3206020	3/8" x 5"	7/16"	9/16"	3-1/2"	7,800	3,983	7,420	3,983	10	560	10	80
3208000	3208025	1/2" x 6-1/4"	9/16"	3/4"	4-1/2"	9,820	7,323	15,720	7,323	10	560	10	50
3210000	3210030	5/8" x 7-1/2"	11/16"	15/16"	5"	19,360	11,757	20,180	11,757	10	560	10	50
3212000	3212041	3/4" x 10-1/4"	7/8"	1-1/8"	6-1/2"	23,880	17,257	30,060	17,257	10	60	6	12
3214000	3214047	7/8" x 11-3/4"	1"	1-5/16"	7-1/2"	23,880	24,338	39,280	24,338	10	60	6	12
3216000	3216047	1" x 11-3/4"	1-1/8"	1-1/2"	8-1/2"	38,280	29,128	47,900	29,128	5	60	6	12

*Load values based on A-193, B7 Rods. (2) Rods may be cut to order Metric sizes available upon request

INSTALLATION

- 1 Drill hole to correct size and depth using rotary-hammer.
- 2 Remove dust and rubble from the hole with compressed air, a brush and water. Excess water must be removed although the hole may be damp.
- 3 Insert the capsule in the hole, either end first.
- 4 Double nut the threaded rod, and insert the chamfered stud into the hole to break the capsule. Under power, hammer drill the chamfered stud to full depth, maintaining power for two or three seconds after the chamfered stud bottoms.
- 5 Promptly and carefully remove the drive socket from the stud, leaving it undisturbed through the prescribed curing time consistent with onsite temperature.

