

EPOXY PRODUCTS FOCUS GUIDE



AC COATING & BONDING AGENT

- Duralprep A.C.

STRUCTURAL ADHESIVES

- Dural Fast Set Epoxy LV, MV, GEL
- Euco #452 Epoxy System LV, MV, GEL
- Duralbond
- Flexocrete Epoxy System LV, MV, GEL

STRUCTURAL ADHESIVE CARTRIDGES

- Dural Fast Set Epoxy GEL
- Euco #452 Epoxy System GEL

GRAVITY & INJECTION CRACK REPAIR

- Dural Fast Set Epoxy LV (Cartridge & Bulk)
- Euco #452 Epoxy System LV
- Dural 50
- Dural 50 LM (Cartridge & Bulk)

STRUCTURAL REPAIR MORTAR

- Duralflex Fastpatch
- Euco #456S Mortar

BROADCAST SYSTEMS

- Duraltex
- Eucopoxy Tufcoat DBS
- Flexolith

COATING SYSTEMS

- Duraltex
- Eucopoxy Tufcoat VOX
- Duralkote 240
- Flexolith

VEHICULAR DECK SYSTEMS

- Flexolith
- Flexdeck
- Dural 50
- Dural 50 LM

UNDERWATER SYSTEMS

- Aquaseal LV, MV, GEL



EPOXY PRODUCTS USAGE CHART

H = Horizontal V = Vertical/Overhead	Bonding Adhesive	Dowel & Anchor Adhesive	Crack Repair			Repair Mortar	ASTM C-881		
			Capping Gel	Injectable	Gravity Feed		Type(s)	Grade	Class(es)
				◆	◆				
				◆	◆				
	◆						VI	3	DEF
	◆			◆	◆	H	I, IV	1	ABC
	◆	H				HV	I, IV	2	ABC
	◆	HV	◆			V	I, IV	3	ABC
	◆	H					I, II	2	BC
	◆			◆	◆		I, IV	1	BC
	◆	H				HV	I, II, IV, V	2	BC
	◆	HV	◆			V	I, II, IV, V	3	BC
	◆			◆	◆		I, II, IV, V	1	BC
	◆	H				HV	I, II, IV, V	2	BC
	◆	HV	◆			V	I, II, IV, V	3	BC
				◆	◆		I	1	BC
	◆			◆	◆	H	III	1	BC
	◆					HV	III	2	BC
	◆	HV	◆			V	III	3	BC
						H	III	1	B
						H	III	1	BC



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An RPM Company

Anchoring and Doweling with EUCO 22 ounce Epoxy Cartridges



ESTIMATING GUIDE FOR NUMBER OF HOLES PER CARTRIDGE OF EUCO #452 GEL/DURALCRETE GEL/DURAL FAST SET GEL

Threaded Rod in Concrete		Hole Depth (inches)																		
Rod Size (inches)	Hole Size (inches)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		Number of Holes per Cartridge																		
3/8	7/16	192	128	96	77	64	55	48	43	39	35	32	30	28	26	24	23	22	21	20
1/2	9/16	136	91	68	55	46	39	34	29	28	25	23	21	19	18	17	16	15	15	14
5/8	3/4	70	47	35	28	24	20	18	16	14	13	12	11	10	10	9	9	8	8	7
3/4	7/8	56	37	28	23	19	16	14	13	11	10	10	9	8	8	7	7	7	6	6
7/8	1	47	31	24	19	16	12	12	11	10	9	8	8	7	7	6	6	6	5	5
1	1-1/8	38	26	19	16	13	11	10	9	8	7	7	6	6	5	5	5	5	4	4
1-1/8	1-1/4	34	23	17	14	12	10	9	8	7	7	6	6	5	5	5	4	4	4	4
1-1/4	1-3/8	29	20	15	12	10	9	8	7	6	6	5	5	5	4	4	4	4	3	3
1-1/2	1-5/8	23	16	12	10	8	7	6	5	5	5	4	4	4	3	3	3	3	3	3
Rebar in Concrete		Hole Depth (inches)																		
Rebar Size (inches)	Hole Size (inches)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		Number of Holes per Cartridge																		
No. 3	1/2	163	109	82	66	55	47	41	37	33	30	28	26	24	22	21	20	19	18	17
No. 4	5/8	127	85	64	51	43	37	32	29	26	24	22	20	19	17	16	15	15	14	13
No. 5	3/4	103	69	52	41	35	30	26	23	21	19	17	16	15	14	13	12	12	11	11
No. 6	7/8	82	55	41	32	28	24	21	19	17	15	14	13	12	11	11	10	10	9	9
No. 7	1	72	48	36	29	24	21	18	16	15	13	12	11	11	10	9	9	8	8	8
No. 8	1-1/8	62	41	31	25	21	18	16	14	13	12	11	10	9	9	8	8	7	7	7
No. 9	1-3/8	31	21	16	13	11	9	8	7	7	6	6	5	5	4	4	4	4	4	3
No. 10	1-1/2	30	20	15	12	10	9	8	7	6	6	5	5	5	4	4	4	4	4	3
Smooth Dowel in Concrete		Hole Depth (inches)																		
Dowel Size (inches)	Hole Size (inches)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		Number of Holes per Cartridge																		
3/4	7/8	83	56	42	34	28	24	21	19	17	15	14	13	12	11	11	10	10	9	9
7/8	1	72	48	36	29	24	21	18	16	15	13	12	11	11	10	9	9	8	8	8
1	1-1/8	61	41	31	25	21	18	16	14	12	11	10	10	9	8	8	8	7	7	6
1-1/4	1-3/8	50	33	25	20	17	14	13	11	10	9	9	8	7	7	7	6	6	6	5
1-1/2	1-5/8	42	28	21	17	14	12	11	10	9	8	7	7	6	6	6	5	5	4	4

The Euclid Chemical Company serves the global building market as an ISO 9001:2000 supplier of specialty products and support services for the concrete and masonry construction industry. Marketed under the Baracade, Dural, Euco, Eucon, Speed Crete and Tamms brands, we offer a full line of admixtures, repair and maintenance products based on the latest technologies. We provide complete specification assistance and laboratory support as well as on-site service for guidance on proper product usage. EUCO materials are warehoused in over 200 locations in the USA and are available world-wide through international affiliates.

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