

ADHESIVE EPOXY LIQUIDS							APPLICATIONS					PROPERTIES								
ASTM C-881			CODE	PRODUCT	SIZE UNIT	RATIO	CU IN VOL	FRESH	LOOSE	DOWEL	REBAR	MORTAR	APP	VIS	BOND	PSI	INITIAL	FINAL	APP	APPR
TYPE	GRADE	CLASS						TO EXIST	BROKEN	ADHES	COAT	BINDER	LIFE	CPS	ASTM C-882	CURE	CURE	TEMP		
BONDING AGENT																				
-	-	-	TAM 1GAC	DURALPREP A.C	1 GAL	3 PART	231	YES	NO	NO	YES	NO	30-45 MIN	SLURRY	2,700@1D	10,000	3 HR	24 HR	45-90F	
II	2	C	MB 1GLLPL	CONCRETSIVE LIQUID LPL	1 GAL	2-1	231	YES	YES	YES	NO	NO	70 MIN	9,000	1,800@14D	8,300	7 DAY	14 DAY	50-90F	ODOT
I,II,IV,V	2	B,C	MS 2GHM	MASCOBOND HI-MOD	2 GAL	1-1	462	YES	YES	YES	NO	NO	30 MIN	2,500	2,400@2D	10,000	2 DAY	14 DAY	40-90F	
MORTAR BINDER																				
III	1	A,B	TAM 2GFLEX	FLEXOLITH 216	2 GAL	1-1	462	NO	NO	NO	NO	YES	15 MIN	1,700	-	6,000	3-4 HR	7 DAY	40-90F	ODOT
III	1	A,B	TAM 2GFLEXLV	FLEXOLITH 216 LV	2 GAL	1-1	462	NO	NO	NO	NO	YES	15 MIN	500	-	3,600	3-4 HR	7 DAY	40-90F	WSDOT
III	1	A,B	MS FP	MASCO FASTPATCH	.40 CU FT	3 PART	690	NO	NO	NO	NO	YES	15-30 MIN	-	-	8,000	3-4 HR	7 DAY	40-90F	
-	-	-	SK 1GFE	FREEZER EPOXY	1 GAL	4-1	231	NO	NO	NO	NO	YES	1 MIN	-	-	9,000	1 HR	1 DAY	-20-75F	
I,IV	1	B,C	MS 2GHMLV	MASCOBOND HI-MOD LV	2 GAL	1-1	462	NO	YES	YES	NO	YES	30 MIN	500	2,300@2D	10,000	2 DAY	7 DAY	40-90F	
III	1	B,C	MS 2GLM	MASCOBOND LO-MOD	2 GAL	1-1	462	NO	NO	NO	NO	YES	30 MIN	1,500	1,600@2D	6,900	1 DAY	7 DAY	40-90F	
REBAR PRIMER																				
-	-	-	TAM 1GAC	DURALPREP AC	1 GAL	3 PART	231	YES	NO	NO	YES	NO	30-45 MIN	SLURRY	2,700@1D	10,000	3 HR	24 HR	45-90F	
-	-	-	FR ZRP	ZINCRICH PRIMER	1 QT	1 PART	58	-	-	-	YES	-	30 MIN	-	-	-	45 MIN	1 HR	40-95F	

THIS CHART SHOULD BE CONSIDERED A GUIDE ONLY
CONSULT SPECIFICATIONS SHEETS FOR COMPLETE TECHNICAL,
INSTALLATION AND SURFACE PREP PROCEDURES
ALL TESTING PERFORMED @ 72 F

ASTM C-881 STANDARDS FOR EPOXY ADHESIVES

TYPE:

- I FOR USE IN NON-LOAD BEARING APPLICATIONS FOR BONDING HARDENED CONCRETE TO HARDENED CONCRETE AND OTHER MATERIALS, AS A BINDER IN EPOXY MORTARS / CONCRETES.
- II FOR USE IN NON-LOAD BEARING APPLICATIONS FOR BONDING FRESHLY MIXED CONCRETE TO HARDENED CONCRETE.
- III FOR USE IN BONDING SKID RESISTANT MATERIALS TO HARDENED CONCRETE, AND AS A BINDER IN EPOXY MORTARS / CONCRETES USED ON TRAFFIC BEARING SURFACES. (OR SURFACES SUBJECT TO THERMAL OR MECHANICAL MOVEMENTS.)
- IV FOR USE IN LOAD BEARING APPLICATIONS FOR BONDING HARDENED CONCRETE TO HARDENED CONCRETE AND OTHER MATERIALS AND AS A BINDER FOR EPOXY MORTARS / CONCRETES.
- V FOR USE IN LOAD BEARING APPLICATIONS FOR BONDING FRESHLY MIXED CONCRETE TO HARDENED CONCRETE.

GRADE:

- 1 LOW VISCOSITY, 1 - 500 CPS, WATER TO MOTOR OIL.
- 2 MEDIUM VISCOSITY, 2,500 - 10,000 CPS, SYRUP TO HONEY.
- 3 NON-SAG CONSISTENCY, 250,000 - 1,000,000 CPS, PEANUT BUTTER TO CAULKING.

CLASS:

- A APPLICATION TEMPERATURE LESS THAN 40 F.
- B APPLICATION TEMPERATURE BETWEEN 40 - 60 F.
- C APPLICATION TEMPERATURE ABOVE 60 F.

