

# Cryl-A-Tex Polymer Concrete Mixing Guide

## Mixing:

Material must be conditioned to the temperature at which it will be applied.

CRYL-A-TEX is best mixed with an 850 RPM drill and a 5" Jiffler mixing paddle.

As a mortar (without additional aggregate) the minimum amount of liquid is 54 ounces. For deeper repairs (1/2" and deeper) always use 64 ounces (1/2 gallon) of liquid. Refer to the chart below for the proper amount of pea gravel. **Never make a "dry mix" and DO NOT add any sand.** The pea gravel must be washed and dried. These limits are important because if the mix is too dry, it may not cure properly or have enough residual liquid to form a proper bond with the primer. Too much liquid could result in shrinkage cracks. Any moisture or dirt on the surface of the gravel will weaken the polymer concrete.

## Pigmenting:

CRYL-A-TEX is available in natural but can be pigmented with 4 fluid ounces of CRYL-A-COLOR. The total amount of liquid to be used in a batch of CRYL-A-TEX should **include** the 4 fluid ounces of CRYL-A-COLOR. For example, if the desired consistency is a 54 ounce batch of mortar, the batch will consist of 50 ounces of CRYL-A-TEX LIQUID, 4 ounces of CRYL-A-COLOR, 11 ounces of CRYL-A-CURE and 1 bag of CRYL-A-TEX AGGREGATE. To mix, add the CRYL-A-TEX LIQUID to a clean 5 gallon pail, pour in the CRYL-A-COLOR, mix for 15 seconds and follow the steps as described below for the specific temperature range.

For temperature ranges of 33F to 90F add 54-64 ounces of Cryl-A-Tex Liquid to a clean 5 gallon pail. Add 11 ounces of Cryl-A-Cure and mix for 45 seconds. Slowly add 1 bag (31 LBS) of Cryl-A-Tex Powder (and pea gravel if needed) and continue to mix for 1 minute.

For temperatures ranges of 32F to -20F add 6 ounces of LTC additive (Low Temperature Cure).The total amount of liquid to be used in a batch of CRYL-A-TEX should **include** the 6 fluid ounces of LTC additive. Add 48-58 ounces of Cryl-A-Tex Liquid to a clean 5 gallon pail. Add 6 ounces of LTC additive and mix for 15 seconds. Add 14 ounces of Cryl-A-Cure and mix for 1 minute. Slowly add 1 bag (31 LBS) of Cryl-A-Tex Powder (and pea gravel if needed) and continue to mix for 1 minute.

APPLICATION THICKNESS (inches)	DUR-A-FLEX PEA GRAVEL SIZE (inch)	ADDITIONAL PEA GRAVEL (LBS.)	SQUARE FEET Per BATCH	CUBIC FEET Per BATCH
1/4	-	-	12.5	0.26
1/2	1/8	5	7.2	0.30
3/4	1/8	10	5.2	0.33
1	3/8	17	4.4	0.37
1 1/2	3/8	26	3.5	0.44
2	3/4	35	3.0	0.50
3+	3/4	45	2.2	0.55

## Material Weight/Gallon

Pea Gravel Size	Pounds/Gallon
1/8, 3/8 & 3/4	11.5 - 12