

Dur-A-Tex # 32 Mixing Guide

This guide indicates the proper amount of liquid, sand and cement along with the proper amount and size of Pea Gravel recommended for the Dur-A-Tex # 32 system. Simply add Dur-A-Tex # 32 to Portland Cement, dry aggregate and stone. It is used in place of the water normally used.

½ gallon of Dur-A-Tex # 32 liquid is used for each application thickness listed below.

1 gal. Flintshot sand, 1 gal. NJ ½ sand, 1 gal. NJ ¼ sand and 1 gal. Cement.

Type I or II Portland Cement can be used.

Blend sand and cement equal parts:

All ratios in the chart below can be mixed using a 5 gallon pail mixer.

For larger sized mixes/batches, use a mortar mixer.

Do not use a concrete mixer.

Application Thickness (inches)	Sand and Cement	Pea Gravel Size (inches)	Additional Pea Gravel (Gallons)	Square Feet Per Batch	Cubic Feet Per Batch
¼	3 gals. of Sand Blend and 1gal. Cement used for all mixes.	-	-	18	0.37
½		-	1	9	0.37
¾		3/8	1	7.2	0.45
1		3/8	1	4	0.45
1½		3/8	2	4.3	0.54
2		3/8	2	3.2	0.54
3+		3/8	2	2.1	0.54

Material Weight per Gallon

Material	Pounds per gallon
Pea Gravel (3/8")	12
Flintshot, ¼ NJ Sand, ½ NJ Sand	13.5
Cement Type I or II	10.5

For best results, use clean, dry, and bagged aggregate. Keep all materials cool prior to mixing.

Typical mix for a ¼” topping @200 square feet:

5 gallons	DUR-A-TEX #32
94 lbs	Portland Cement
100 lbs	Flintshot Sand
100 lbs	N J ¼ Sand
100lbs	N J ½ Sand

Recommended Sieve Size % retains:

US Mesh	Flintshot	NJ 1/2	NJ 1/4
16	-	2.0	-
20	-	38.8	-
30	23.0	52.1	45.0
40	70.0	6.0	52.0
50	6.0	-	3.0

Hardness:

6.5 – 7 Moh’s Mineral Scale