

### HIGH-DENSITY COUNTERTOPS

- Mix design is based on 2.82 CF mixer (= 80 Liter mixer)•

Material	Kg	m <sup>3</sup>	Lbs	CF	Notices
Portland Cement	25	.00790	42	.2133	Any available type, Gray or White
Aggregate $\varnothing^{1/16}$ " ÷ $\varnothing^{1/8}$ "	17	.00640	29	.1036	Varies with glass, marble, etc. $\varnothing^{1.5}$ >3 mm
Sand # 60	48	.01789	81	.4840	Could be mixed with #16 as 50/50
Water	8.5	.00851	13.9	.2318	W/C = 0.33
KALMATRON® KF-A	1.5	.00093	2.5	.0254	OR: K <sup>100</sup> ® by 10 OZ/100 Lbs of cement
Total:	100	0.0416	168.5	1.06	Unit Weight: 159Lbs/CY or 2400Kg/m <sup>3</sup>

### BATCH INSTALLATION

#### ■ DOSAGE

1. Use shown dosage of KF-A per batch.
2. Do not add any other admixtures or supplementary materials.
3. Do not dissolve KF-A with water before application into mix.
4. Apply shown amount of water to obtain recommended water to cement ratio of 0.33.
5. Mix for 5 to 7 minutes until concrete batch becomes workable.
6. Do not use form oils for casting - apply water, graphite powder or a solution of lime and water to coat the mold.

#### ■ W/C RATIO

1. If after 7 minutes of mixing the mix is still stiff, add **6 oz** of water per batch and mix it for another 5 minutes.
2. Slump should be **1 ½"** to **2"**, which creates a creamy concrete batch.

#### ■ CURING

1. Do not spray water or curing compounds onto the concrete surface.
2. Do not cure or cover with membranes or blankets!

#### ■ VERSATILITY

1. Shown are the basic ratios of the batch. Pigments, glass, marble, fiber glass, GGBS, etc. could be added to get the desirable color and texture, **but do not use any other admixtures.** Do not apply Silica Fume, oily plasticizers, or set accelerators/set retarders

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