

PLASTCRETE FOR WINERY JOBS

Ingredients	PLASTCRETE 7 ½ SACKS > 4,000 PSI = 28 MPa			
	Lbs	CF	Kg	m ³
Cement Type I; II	700	3.555	400	0.126
Coarse Sand	2640	18.839	1670	0.7157
Water 28 - 32 Gal*// Liter	266	4.436	152	0.1521
KALMATRON® KF-A	17.0	0.17	10	0.0062
Total	3623	27.00	2232	1.000
W/C=0.38				

KALMATRON® KF-A APPLICATION INSTRUCTION

DOSAGE

1. Use shown dosage of KF-A per 1 CY on ready mix plant or by 2 “Coca Cola” cans per 1 sack of cement 94 Lbs on a job site .
2. Do not dissolve KF-A with water. Just strew it into the batch.

W/C RATIO

1. For the best workability, use shown amount of water without correlation variable moistness of aggregates.
2. Slump should be at 2 ½” to 3 ½” (6.35 cm to 8.90 cm) on a moment of application.
3. On a moment of delivery from plant maximum slump should be at 3 ½” to 5” (8.90 cm to 13 cm).
4. Add 2 Liter/m³ or ½ Gallon/CY of water if batch still stiff.

EXPECTED RESULTS

1. Highest adhesion to the most known porous materials.
2. Shrinkage is at 2 to 3 times lower. There are no shrinkage cracks.
3. Exothermic heat is lower by 30% to 50% results in no flakes, efflorescence, dusty spots, or slid areas.
4. Water impermeability of PLASTCRETE and SHIELDCRETE at ¼” and 2” thick layers is 100% respectively.
5. Early strengthening on 1st to 3^d day is at 25%.
6. Yield of mixed batch is higher by 8% to 14%.
7. Highest resistance to the chemical and climate corrosion

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