



For presentation only

PLASTCRETE MIX DESIGN

Below is a technique of repair of damaged, contaminated, or aged concrete by thin layers.

1. Spray Kalmatron® KF-G (300 Gram/1 Liter of water) by 2 Liters/m² on area of application.
2. Apply PLASTCRETE no sooner than after 45 minutes.
3. Spray Kalmatron® KF-G before trowelling when shiny concrete surface is needed.
4. Curing is not required.

Material	UNITS OF MEASUREMENTS				NOTICE: proposed mix is designed for application of the layers with minimal thickness at 2 mm.
	Lbs	CF	Kg	m ³	
Ordinary Portland Cement	564	2.86	342	0.1079	
Coarse Sand #16	600	4.29	365	0.139	
Krete ¹⁰⁰	7	.094	4.25	0.00279	
Sum:	1,171	7.24	711.25	0.250	
Water	146	2.43	86.7	0.0833	W/C = 0.254
Total	1,317	9.67	797.95	0.333	D = 2396 Kg/m ³ or 135 LB/CF

PLASTCRETE BATCH INSTALLATION

1. Batch must be no smaller than 150 Kg.
2. Turn on mixer for 3 minutes.
3. In a case of the batch stiffness do not add water. Continue mixing another 2 minutes.
4. Continue mixing during of application. Do not stop mixer.
5. Vibrate until coarse aggregate appears on a surface.

ESSENTIALS AND CURING

1. After application, do not provide curing procedure and do not use curing compounds.
2. Do not cover fresh PLASTCRETE with any films or blankets.
3. Expected results: - Compressive Strength at 55 MPa
- Tensile Strength at 11 MPa
- Water impermeability is > W12

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