



Turning Dreams into Concrete Reality

**SANGHI INDUSTRIES LIMITED
QUALITY CONTROL LABORATORY**

Sanghipuram - 370 511.

Tal. : Abdasa, Dist. : Kutch, State : Gujarat



T - 6817

CM/L-3744164

(NABL ACCREDITED LABORATORY)

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 Certificate No. : CMD/PPC/06.02.2021
 Lot Create Date : 07.02.2021
 Material : CMPPC
 Lab Code : 37/CM/1-2021
 Sample Received From : Packing Plant
 Address : SIL-Sanghipuram
 Reference : Day Average Com. Dispatch
 Tested as per : IS4031 & IS4032
 Date of Sample : 06.02.2021
 Date of Testing : 07.02.2021
 Month : 02 Rh : More than 65%
 Week : 05 Temperature : 27°C+ 2
 Issue Date :

NABL/TP/F30

Issue No.1, Amnd.No.: 03, Eff. Dt. : 19.08.2019

TEST CERTIFICATE

PARAMETER TESTED	RESULTS OBTAINED	UOM	TEST METHOD	SPECIFICATION (IS:1489:2015)
1.PPC Chemical Testing				
PPC-LOI	3.58	%	IS 4032:1985	LESS THAN 5.00
PPC - MGO	2.69	%	IS 4032:1985	LESS THAN 6%
PPC_SO3	2.91	%	IS 4032:1985	LESS THAN 3.50
PPC -CI	0.041	%	IS 4032:1985	LESS THAN 0.10
PPC Flyash Content	27	%	-	15% to 35%
IR_PPC X+4.0(100-X)100 & 0.60*X,MIN	24.94	%	IS 4032:1985	X + 4.0 (100-X)/100, Max & 0.60 * X Min
2.PPC Mechanical Testing				
PPC - Specific Surface	358	M2/Kg		MORE THAN 300
PPC-Normal Consistency	28.25	%	IS 4031(Part 4):1988	N.A.
PPC -Initial Setting Time	115	min	IS 4031(Part 5):1988	MORE THAN 30
PPC -Final Setting Time	165	min	IS 4031(Part 5):1988	LESS THAN 600
Le-Chatlier Expansion LCE_PPC	0.50	mm	IS 4031(Part 3):1988	LESS THAN 10
Autoclave Expansion - PPC	0.060	%	IS 4031(Part 3):1988	LESS THAN 0.80
1 Days Compressive Strength - PPC	18.30	MPa		N.A.
3 Days Compressive Strength - PPC	30.10	MPa	IS 4031(Part 6):1988	MORE THAN 16.0
7 Days Compressive Strength - PPC	36.50	MPa	IS 4031(Part 6):2005	MORE THAN 22.0
28 Days Compressive Strength - PPC	55.7	MPa	IS 4031(Part 6):2005	MORE THAN 33.0

Conditions :

1. The test results pertain to the sample received only.
2. This report is being issued with a specific understanding that SIL QC LAB will not in any way be involved in action following the interpretation of above results.
3. This report shall not be re-produced except in full without written approval from SIL QC LAB.
4. 1 Day testing is out of NABL scope.
5. Insoluble Residue limit as per % Fly Ash declaration

Authorised Signatory

Quality Manager