



केन्द्रीय विद्युत रसायन अनुसंधान संस्थान
CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE

(Council of Scientific & Industrial Research)
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

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Service Tax No. AAATC2716RST021

TECHNOLOGY TRANSFER & BUSINESS DEVELOPMENT (TTBD)

18-21-(2017)-TTBD

/Speed Post/

01.05.2017

To
M/s Cleantech Corrosion Chemicals 1-1-774/A/B,
Gandhi Nagar,
Near Srinivasa Play Ground
Hyderabad – 500 080

Dear Sir,

Sub:- Reply for your queries – reg.
Ref:- Your letter No. Nil dated 10 April, 2017

Please find attached here replies for your queries.

1) CRPPC, is it useful for both type of cements .like OPC AND PPC. How does it works on steel in concrete?

Yes, it can be used in OPC as well as PPC. By addition of this corrosion inhibitor, a passive film is formed on the rebar surface. This film will protect the rebars against the corrosion species.

2) What is the dosage to be used in concrete?

The dosage to be used was already informed to the licensee holder.

3) What is the technical standard that CECRI following for process.

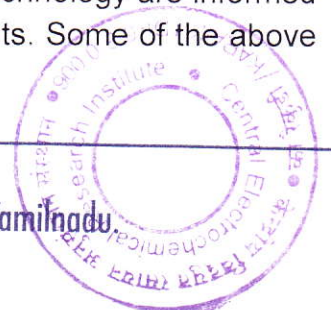
The physical properties such as consistency, initial and final setting times, compressive strength are tested as per IS standards and corrosion performance tests were studied by ASTM standards.

4) Can we disclose the ingredients that are using for manufacturing? They want to send batch wise test for the product. What tests they may carry out from the product.

Since, this technology is a patented one; the ingredients used in this technology are informed to CECRI license holders. Hence, it is not possible to disclose the ingredients. Some of the above test may be carried out for confirmation at your end.

All correspondence should be addressed to :-

The Director, Central Electrochemical Research Institute (CECRI), Karaikudi - 630 006, Tamilnadu





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5) How many times corrosion will control for steel in concrete and how does a layer form on the surface of the iron rod when we added our admixture CRPPC to the concrete. How much life will increase for the concrete. How environment benefit when we use the product?

By addition of this inhibitive compound in concrete structures, the durability factor of 4 to 5 will be obtained. The inhibitive compounds will react with the rebar surface and forms an invisible passive layer due to chemical reaction.

In this inhibitive technology, we are using non-toxic chemical products. Hence, it will not create any harmful effect on the surrounding environment.

Kindly acknowledge.

Yours sincerely

N. Meyyappan
01052017

(N Meyyappan)



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