



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Dated : 11th Sep' 2018

To

Dr Sujit GHOSH

Executive Director

Dalmia Cement Bharat Limited

15 Barakhamba Road, 11th & 12th floors

Hansalaya Building

New Delhi 110 001

Dear Dr Ghosh,

Based on your thorough briefings to senior AAI personnel at Delhi HQ and also at Chennai AAI offices, about your company's innovative cement, **Dalmia InfraGreen** that is BIS approved as an "early strength and high performance" cement, and also based on the independent testings of the cement at National Test House (Chennai), we agreed to try out this innovative cement in PQC concrete at AAI Chennai, on a pilot basis.

40.00 m x 22.00 m x 0.325 m portion of apron, panel has been carried out in the ongoing B- taxi work at Chennai Airport were made using Dalmia Infra Green cement in pavement quality concrete (PQC), under main contractor RDS Group and the performance of the concrete was continuously evaluated and monitored, up to 7 days.


Based on our evaluation of the concrete in the portion of apron of the taxiway that used Dalmia InfraGreen cement, we are pleased to inform that we found the concrete to be satisfactory. The portion of apron of the taxiway were found to be adequate with respect to flexural strengths by 7 days for vehicular movements to commence over them. This was also achieved by using the minimum cement content of 350 kg/m³ of concrete, as per AAI PQC specifications.

Representative flexural strengths achieved :

3days = 4.18 N/sqmm ; 7days = 5.33N/sqmm

We have thus noted the innovative Dalmia InfraGreen cement's capability to develop enhanced strengths at early ages, even at lower cement contents, that can assist in faster execution of projects.

With Regards,


11.09.2018

(Sharad Kumar)

General Manager (Engg-Proj)

शरद कुमार
SHARAD KUMAR

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