

M/s Bajaj Reinforcements LLP
D-5/1 MIDC Hingna Industrial Estate
Nagpur 440028.

31st May, 2021

**Re. Bajaj Fireguard Fibrillated Polypropylene Fibers used in PQC for Nagpur
Mumbai Samruddhi Expressway –Package 3. ---Performance Certificate.**

We hereby certify that we have used Bajaj Fireguard Fibers having 20m Length in our ongoing PQC work for the above Project. On an average 600 gms of Fibers used per Cubic Meter of PQC.

The details of Month wise fiber supplies against PQC laid are as under:

Month & Year	Fibers Received Kgs	PQC 01.06.20 to 31.05.21: 2,75,263 M ³ Bajaj Fibers Supplied: 165158 Kgs Avg. Dozing of Fiber/ M ³ : 600 gms
May 2020	4000	
June 2020	44000	
July 2020	6000	
August 2020	Nil	
September 2020	17028	
October 2020	12024	
November 2020	6012	
December 2020	32058	
January 2021	18036	
February 2021	Nil	
March 2021	5000	
April 2021	7000	
May 2021	14000	
Total	165158	

Our Observations after using Bajaj Fireguard are as under:

1. The Mix is Cohesive
2. Fibers are mixed homogeneously in the PQC.
3. No Balling / Segregation is observed.
4. Proper Opening of Fibrils is observed
5. Reduction of Plastic Shrinkage cracks is reported above 95%
6. With other brand of fibers dosing was needed to be adjusted to 900 /M³
7. Fiber Reinf. Concrete helped Continuous Stretches of PQC even in Day time

For NCC Limited



Sanjay Kumar Srivastava
Head QA/QC

S. K. Srivastava
M.E., N.C.C. Ltd.
NMSCEW-PKG-3