

FORD INDIA

Sanand, Guj. (India)

CUSTOMER

Ford India Pvt Ltd

SECTOR

Automobile Industry

DATE

2013

PRODUCTS

- Proofex Engage (9000 Sqm)
- Supercast SW20
- Nitoflor Hardtop
- Conplast SP430
- Conbextra GP2

THE PROJECT

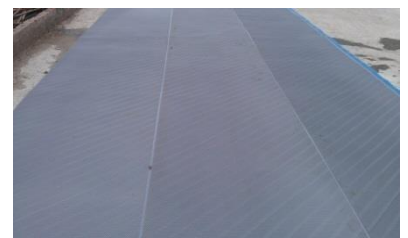
Ford India currently operates a modern, integrated manufacturing facility at Chennai in India, which produces its award-winning range of products including the Ford Figo, Ford Fiesta, Ford Classic, Ford Endeavour and the Ford Eco Sport. As part of its overall commitment to India, Ford is investing US\$ 1 billion to build a state-of-the-art integrated manufacturing facility at Sanand, Gujarat in India. The facility is scheduled to be operational later this year, with vehicles coming off-line in 2015. With Sanand being operational, Ford India will double its manufacturing capacity in India with an installed capacity of 610,000 engines and 440,000 vehicles. New project consists of Press pits, Stamp Shops, Assembly & Engine Shops & Paint shops.

THE SOLUTION

Fosroc India proposed a complete waterproofing solution for Retaining wall & Raft for Press Pits & various shops. The bottom level of raft was 7 meter below ground level and each basement sized 60 meter x 30 meter with raft thickness of 1.5 meter. Inappropriate interface, poor installation, and inadequate product selection could have created weak points that are expensive to correct. The Fosroc systems-based approach is essential in creating and maintaining a value-adding asset. The water table at project location in Sanand during monsoon rises to a very higher level. Press Pits, Stamp shops, Assembly & Engine Shops, Paints Shops at FORD Automobile manufacturing plant were very critical area of operations. These areas should be absolutely free of from entry of any water & moisture, failure of which could result in to shutdown of the plant for longer period which in turn can incur heavy production losses to the Company. Proofex Engage formed the core part of these structures and provided permanent barrier that retains long-term resistance to water & moisture entry in to the structure.

THE BENEFITS

Proofex Engage system yielded many benefits to the client due to which the product has been so successful in this project. The core areas of operations are totally free from water & moisture which helped in maintaining successful operating conditions in the entire plant without any shutdown & production losses. Fosroc solution has exceeded the customer requirements both in technical & commercial aspects. Fosroc all-round support to clients & contractor from product specification to completion of execution of the project on time to their satisfaction gave comfort level to their project time schedules.



Application of Proofex Engage under progress



Heavy reinforcement placed over Proofex Engage



Concrete under progress over laid Proofex Engage