



constructive solutions

CASE STUDY

Project Name:	Middle Vaitarna, Roller Compacted Concrete Dam
Client:	Brihanmumbai Municipal Corporation
Year of Completion:	<i>Scheduled for completion in 2012</i>
Contractor	<i>Soma Enterprise Limited</i>
City or Region &	Maharashtra
Country:	India
Task:	Providing of Admixtures for Roller Compacting Concrete (RCC) & allied products
Constructive Solution:	<i>Formulating an admixture to suite the retention & water reducing requirement for RCC of Initial setting retardation by 18hrs to 20 hrs International concrete consultant Malcolm Dunstan & Associates, specializing in Roller compacted concrete designed the mix & approved the admixture performance for a total concreting of 11 Lakh Cu.mtrs</i>
Value to Client:	<i>The concrete requirement was for retardation of Initial setting time by 18hrs to 20 hrs to allow eliminating of cold joints while laying the concrete in layers of 300mm each to a height of 102 meters.</i>
Description:	<i>The dam under construction shall be will be the tallest dam in Maharashtra, a state in India, planned to be built on the Vaitarna river in Thane's Kochale village by 2012. The dam will stand at a height of 102 meter when completed and will hold up 455 million liter of water vital for Mumbai's growing water demand.¹</i>
PRODUCT	Conplast R - 400MT (more 1500MT expected till project completion) Conplast SP440 - 50MT (more 200MT expected) Nitocote ET 140M2 – 5000 ltrs Reebol – 2000 ltrs Concure WB – 2000 ltrs

IMAGE

