

SUPERSONIC Rapid Hardening Cement

INTRODUCTION

SUPERSONIC rapid hardening cement is scientifically processed cement available in powder form substituting the ordinary Portland cement following an exhaustive research in our laboratory. The main advantages of using **SUPERSONIC** rapid hardening cement with concrete are illustrated below :

The strength of cement concrete prepared by mixing **SUPERSONIC** at three days is equivalent to the strength of ordinary Portland cement concrete at seven days. Likewise the strength of **SUPERSONIC** mixed concrete 7/10 days' period is approximately the same as ordinary cement concrete at 28 day's time.

FEATURES:

SUPERSONIC rapid hardening cement shortens maturity period. Minimum open space is necessary for shortage of finished articles. Mould cost is cut down to the barest minimum. Managable with the stock of small quantity of cement.

SUPERSONIC hardening cement also contains water-proofing ingredients, plasticity property and ensures improved workability.

The ultimate strength of ordinary portland cement and **SUPERSONIC** rapid hardening cement is almost the same. So long as the cement does not loss strength with age and consequently the concrete, the ultimate strength is of minor importance. Test reports are based upon the strength of cement concrete by 28 days after casting.

HOW TO USE SUPERSONIC RAPID HARDENING CEMENT :

The usual practice is to mix the same proportion of cement to aggregate even when rapid-hardening cement is used.

HOW SUPERSONIC RAPID HARDENING CEMENT LEADS TO ECONOMY

The additional cost of rapid-hardening cement is being recovered by special advantages as detailed in the following lines.

SHORTENS THE PERIOD OF MATURITY

Since **SUPERSONIC** rapid-hardening cement hardens much more rapidly than the ordinary cement the time saved in finishing the work results in saving of labour cost and sundry expenses. Articles made with ordinary portland cement take three weeks or longer to cure and get full strength while **SUPERSONIC** rapid-hardening cement based articles mature under identical conditions, may be safely removed from moulds, within 24 hours after casting and in certain case even can be put to use within 7/10 day's time after manufacture.

REQUIREMENTS TO STORAGE SPACE IS BROUGHT TO THE MINIMUM

In view of products manufactured out of **SUPERSONIC** rapid hardening cement getting hardening fast and not required to be cured for three weeks or longer as is the case with ordinary portland cement, large volume of cement storage can be easily avoided. In other words, small stock of cement and finished articles require less storage space.



SAVINGS OF MOULDS AND R.C.C. FRAMES

As the cast material can be safely removed from the moulds with 24 hours after casting, few moulds will be sufficient for large production resulting in saving of mould costs.

INDISPENSABLE USE OF SUPERSONIC

For all R.C.C. works, where frame work is to be removed quickly, use of **SUPERSONIC** is inescapable. It is also recommended for cement mosaic tiles, hume pipes, cement articles, concrete dams, reservoirs roads, pavements, shipyards, docks, railway platforms, canals, roofs, walls, R.C.C. slabs etc. for satisfactory results.

PACKING :

Supplied in 50 kg polythene lined gunny bag.

NOTE : The above information and details are based on the test conducted and experience on application and usage. The user is advised to carry out tests and take trials to satisfy himself on the suitability of the product meeting his requirement considering prevailing conditions prior to applying/using the product on larger area. As the conditions under which the products are used or transported are beyond our control, we will not hold ourselves responsible for its consequential performance.

TECHNICAL AID SERVICE PROVIDED ON REQUEST

Mfd. by : **JAYANT COLOR & CHEMICAL INDUSTRIES**
Tulsiram Gupta Mills Estate, Darukhana, Reay Road,
Mumbai - 400 010. Phone : 2372 1249, 2379 0135 Fax : 2377 5814
E-mail : admin@jayantcolor.com Website : www.jayantcolor.com

BRANCHES/DEPOTS :

AHMEDABAD /BHIWANDI/NASIK/PUNE/VADODRA

C&F/AGENTS :

BHUJ/ COCHIN/DELHI/JALANDHAR / KANPUR / KOLHAPUR / RAJKOT/ VALSAD