

**ACCELERATING
ADMIXTURE**



ROCKSET

**Rapid Hardening and Waterproofing
Liquid for Concrete and Mortar**



DESCRIPTION

ROCKSET is an ideal set accelerating admixture for concrete in liquid form conforming to IS 9103 – 1999.

USES

ROCKSET is used as a rapid hardener for Roads, Pavement, Platforms, Factories, Military & Naval installations. It is also used as a quick setting agent for construction of water storage tanks, roads, floor slabs, where frame work to be removed quickly, maintenance and restorative works. **ROCKSET** can also be used as a waterproofing agent. As a waterproofer, it is used in basements, flats, concrete roofs tanks, plastering walls, reservoirs, structural repair pointing joints, paving & concrete repair works.

ADVANTAGES

- Imparts high early strength which is invaluable for emergency repairs and urgent works where speed is essential.
- **ROCKSET** accelerates hydration of cement and increases rate of hardening within a short time.
- **ROCKSET** is a liquid rapid set accelerator for concrete and cement renderings.
- **ROCKSET** waterproof & hardens concrete and cement renderings thus serves double purpose.
- **ROCKSET** enables treatment of pits and basements against a head of water

- **ROCKSET** imparts plasticizing effect thus providing workable mixes with lesser amount of water.
- **ROCKSET** is easier to use in comparison with the accelerator in powder form.
- **ROCKSET** makes the concrete dense and many forms of chemical attacks.
- **ROCKSET** is economical in use achieving short setting time at low levels of addition.

METHOD OF USE

- **ROCKSET** is available in liquid, which is diluted in mixing gauging water used for the cement mortar and concrete.
- Rapid Hardening for Renderings & Concrete etc.
- When mixed as such with cement it sets in two or three minutes. When **ROCKSET** diluted with an equal amount of water is used the mortar or concrete sets within 10 minutes.
- Normally recommended dosage of **ROCKSET** is 4 litres of **ROCKSET** for every 100 kgs. of cement used in the mix. for acceleration. The actual dosage has to be determined by trial depending upon the specific requirements and quality of cement, moisture content of the aggregates, composition of the mix, and amount of water used and extend of suction in the background.

ROCKSET for Interior Renderings

- Provide three coats for proofing pits and basements using

cement and sand in 1:2 ratio. This minimizes the risk of shrinkage and crazing. Provide sufficient overlap on the joints of preceding coat. Before starting work on consecutive days the edges should be well slurried with cement water slurry.

ROCKSET for Exterior Renderings

- Prefer a three coat treatment to two coats. The first coat should be of cement and sand in 1:2 ratio. Subsequent coats should be mixed in ratio of 1:3. Use wood float for finishing. Scratch the under coat thoroughly to provide a good key for subsequent coats. In order to provide a good bond for the first coat usual means be applied. In case cement slurry is applied use **ROCKSET** diluted in the ratio of 1:2.

ROCKSET for Floor Toppings

- 4 litres of **ROCKSET** must be used for 100 kg cement with approximately equal diluting. **ROCKSET** in the ratio to 1:4. In no case undiluted **ROCKSET** should come into contact with dry cement or aggregate. To ensure correct proportions for dilution of **ROCKSET** carry out trials at the site.
- Avoid laying too wet toppings or excessive troweling as this results in too much fines or a fat on the face and a weak porous material within. So keep the water content as low as possible.
- Use a wood float to render the tapping smooth after the set commences. Use steel trowel for finishing. Do not sprinkle neat cement to dry out any water rising to the surface. This should be avoided by adjusting the water content at the time of mixing. If both the base concrete and wearing course are of correct consistency, troweling can be carried out almost immediately. Cure well by covering with sacks or watering at intervals, for 5 to 6 days.

GENERAL INSTRUCTIONS

- HARDEST has a plasticizing effect thus enables a reduction in water content. For best results the concrete should be made as stiff as possible keeping in view the workability requirements.
- As far as possible floors should be formed monolithic.
- Avoid angular joints between floors and walls.
- Use wire brush to remove all the laitance and apply cement slurry before starting next day work.
- Cement slurry should be applied using **ROCKSET** diluting in the ratio of 1:2 with water.

STORAGE

No special storing facilities are required.

PACKING

Available in 5 Ltr, 20 Ltr and 200 Ltr.

Rockset



200 Ltr



20 Ltr



5 Ltr



ADDITIONAL INFORMATION

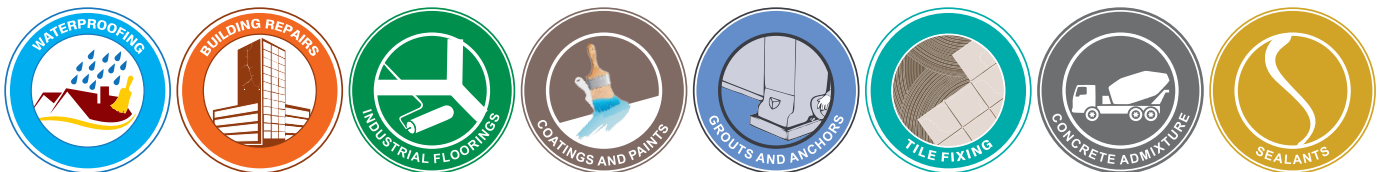
Our technical service team is available for on-site assistance and advice in using our all products. A very wide range of our products like water proofers, plasticizers, super-plasticizers, accelerators, retarders, air entrainers, mould release agents, curing compounds, grouting products, anchor products, bonding agents and repair materials are available for all round solution of civil/ construction problems.

WARRANTY

Whilst all reasonable precaution has been considered in compiling technical data on our products, all recommendations or suggestions, regarding the use of such products are made without guarantee since the conditions of use are beyond our control. It is user's responsibility to satisfy himself that such products are fit for the purpose for which he intends to use it and that the actual conditions of use are suitable.



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