

ROSCO-PHENOLIC

INTRODUCTION

ROSCO-PHENOLIC is a Phenolic Resin based cement

ROSCO-PHENOLIC is resistant to all acids, both organic and inorganic except certain strongly oxidizing ones and alkalies, even to dilute concentration. Compared to a Furane cement **ROSCO-PHENOLIC** is not suitable for strongly oxidizing acid, salts and alkalies. But in performance it surpasses all other Phenolic Resin based cements.

ROSCO-PHENOLIC is resistant to most Organics solvents.

ROSCO-PHENOLIC can with stand a temperature up to 130° C.

ROSCO-PHENOLIC leaves no delay in construction because of its quick setting by chemical action.

Temperature	20 ° C	27 ° C	32 ° C
Working Time	60 min.	50 min.	35 min.
Hardening Time	24 hrs.	15 hrs.	8 hrs.

ROSCO-PHENOLIC is extremely dense, hence, salt can not penetrate or crystallize within an

ROSCO-PHENOLIC joint.

PREPARATION

ROSCO-PHENOLIC is available in two components system –liquid Resin and powder, which is mixed job, forming quick setting.

ROSCO-PHENOLIC mortar 3 parts (by wt.) of powder:1 part (by wt.) of Resin.

USES

ROSCO-PHENOLIC is usually being used for joining Acid – Proof or Carbon Brick masonry for Chemical process industries, Steel Mills, Tube manufactures, Electrolytic Plant. Oil Refineries, Rayon Plants & Paper Mills, dye & Pigment Plant, Explosive manufactures and many other users.

ROSCO-PHENOLIC is also generally used for construction of Brick or tile flooring work in various food and allied industries.

ROSCO-PHENOLIC is also used in industries where chlorine is employed.

ROSCO-PHENOLIC is used in all industries where the plant and equipment is subjected to Chemical attack.

ROSCO-PHENOLIC is used extensively as pointing material in various areas like floors, Drains, Tank farms, Foundation, Dados and other places.

Now :- Salt – Acid – Alkalies –Solvents –Corrosion –Temp.-Dirst:-(No Entry)

For, R.C. Corrocare Industries Pvt Ltd

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ROSCO-PHENOLIC

ROSCO-PHENOLIC in use the Fertilizer & Chemical , Steel Plants, Dyes & Pigments, chemicals, petrochemicals , Sulphuric Acid Plants etc.

ROSCO-PHENOLIC should be used within 2 Months from the Date of mfg. As its storage life is not more than this period .

PHYSICALS PROPERTIES

Mixing Ratio (Part by weight) Powder : Resin is 3:1

Density ,kg /cm ³	1800-1900
Working time min. at 27 ° C ± 2 ° C (minutes)	20
Flexural strength min .kg / cm ² (at 7 days)	80
Compressive strength min. kg / cm ² (at 7 days)	350-400
Bond strength min. kg / cm ² (at 15 days)	10
Absorption of water max , percent by weight	1%

ROSCO-PHENOLIC Mortar is suitable for many organic , inorganic, acid and salt solutions. For chemical resistivity in detail, please contact our Technical cell.

SERVICES

The RC CORROCARE INDUSTRIES PVT. LTD. Technical Department is maintained to provide you with assistance and advice on any problem of acid or alkali proof construction . Write to about your service condition to obtain prompt recommendations and design suggestion. We will be more than glad to be assistance.

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