



ARFURANE - R

INTRODUCTION :

ARFURANE - R is a silicious based Furane Resin Cement.

ARFURANE - R, an impermeable cement, has high resistance against various chemical compounds including acids, alkalies, oils, brines, solvents etc. at a deligated temperture. It poses great resistance to erosion and sets into a hard & tough jointing and bedding material when used for setting bricks and tiles in the lining of tanks, channels, floors etc. Normally Furane cements are susceptible to cold, hot and damp atmospheres , which have a profound influence on the setting mechanism.

The setting of **ARFURANE - R** is affected by change in temperatures and becomes very slow when the temperature drops. This could be overcome by keeping the site warm with heaters. The solution may be placed near warm places, the mixing could be done in warm place, the bricks may be stacked in checkered fashion, around fire or steam coil.



*Sturdy, Strong, Reliable,
Modern...only Arcoy*

PREPARATION :

ARFURANE - R is a two components system, a Solution and a Powder mixed on the job to form the quick setting mortar. The mixing ratio is 3 parts (by weight) of powder to 1 part (by weight) of solution, yet however, if a stiffer consistency is required, this may be obtained by adding more powder. If the thinner one is desired, more solution may be added.

The **ARFURANE - R** powder contains a wide range of fillers for different environmental conditions and liquid to powder ratio may be changed accordingly.

USES :

ARFURANE - R may be used to join Acid-proof Brick or Carbon Brick masonry for Chemical Process Industries, Steel Mills, Tubing Manufacturers, Electrolyzing Plants, Oil Refineries, Rayon Plants, Fertilizers, Petro Chemical Plants and many other uses.

ARFURANE - R can also be used in the construction of brick or tile floors for food industries such as Dairy, Ice cream, Butter, Cheese, Meat Packing, Brewing, Soft Drinks, Jams & preserves, Fish Packing, Canning Frozen Foods, Candy & Chocolate, Sugar Refineries, Vinegar, Pickle Manufacturing and many others.

**CORROSION
NO ENTRY**



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ARFURANE - R can be used to join stone-ware or terra-cotta pipe for sewage lines, for carrying acid or alkali wastes, for acid sewage disposal and neutralizing plants.

ARFURANE - R can be used in the construction of Tanks, Towers, Vats, Stacks, Man-holes, Gutters, Floors, Neutralizers, Pits and all types of equipment that are subject to chemical attack.

ARFURANE - R should be used within 6 months from the Date of Mfg. If stored at 20° C the shelf life shall be extended upto 12 months.

ARFURANE - R. It is available for use where high thermal resistance is desired.

ARFURANE - R is more suitable for phosphoric acid and hydrofluoric acid digestors lining.

PHYSICAL PROPERTIES :

Working time min. at 27° c ± 2° c (minutes)	25
Flexural strength min. Kg/cm ² (at 7 days)	100
Compressive strength min. Kg/cm ² (at 7 days)	600
Bond strength min. Kg/cm ² (at 15 days)	12
Absorption of water max. percent by weight	1

SERVICE :

The ARCOY technical Department shall provide you with assistance and advice on any problem of acid or alkali-proof construction. Write to us about your service conditions to obtain prompt recommendations and design suggestions. We will be more than glad to be of assistance.

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