



AROON 10 CT (Coaltar Epoxy Based Cement)

INTRODUCTION:

AROON 10 CT is a prominent member of Arcoy's range of anti corrosive cements which sets by chemical action to a strong hard mass that remains unaffected in temperatures up to 100° C. **AROON 10 CT** has exceptional physical properties in addition to its chemical resistance with negligible shrinkage.

AROON 10 CT also has good adherence property to concrete, metal and other surfaces.

AROON 10 CT's outstanding chemical properties & chemical resistance make it the right choice for rendering floor, foundations, channels, tanks etc.

PROPERTIES:

AROON 10 CT can be spread over the Rec/Steel/Pcc surface to any required thickness. This makes it particularly suitable for the production of homogeneous joint-less monolithic surfaces with great chemical resistance with exceptional mechanical properties.

AROON 10 CT is to be mixed in small batches, which can be utilized within 20 to 30 minutes.

AROON 10 CT will get hard within few hours and in most cases can be placed in service within 24 hours. **AROON 10 CT** attains its optimum strength in 7 days time.

PREPARATION:

AROON 10 CT cement is available in three component systems. The Solution, the Adduct and the Filler. 50 parts by weight of Adduct is to be added to 50 parts by weight of solution and to be mixed thoroughly. To this mixture add 450 parts by weight filler slowly while stirring to make an even and uniform paste.

SURFACE PREPARATION :

Steel surfaces should be free from rust, scale, grease, oil, etc. Preparation can be done by wire brushing, sand or shot blasting or by chemical etching.

Concrete surfaces must be cleaned of all lubricants, previous coatings etc. If the surfaces are contaminated by acid, it has to be neutralized and washed with fresh water and allowed to become absolutely dry prior to **AROON 10 CT** application. All the surfaces are to be primed before the application of **AROON 10 CT**. The primer is made with 50 parts by weight of solution to 50 parts by weight of catalyst.

**CORROSION
NO ENTRY**



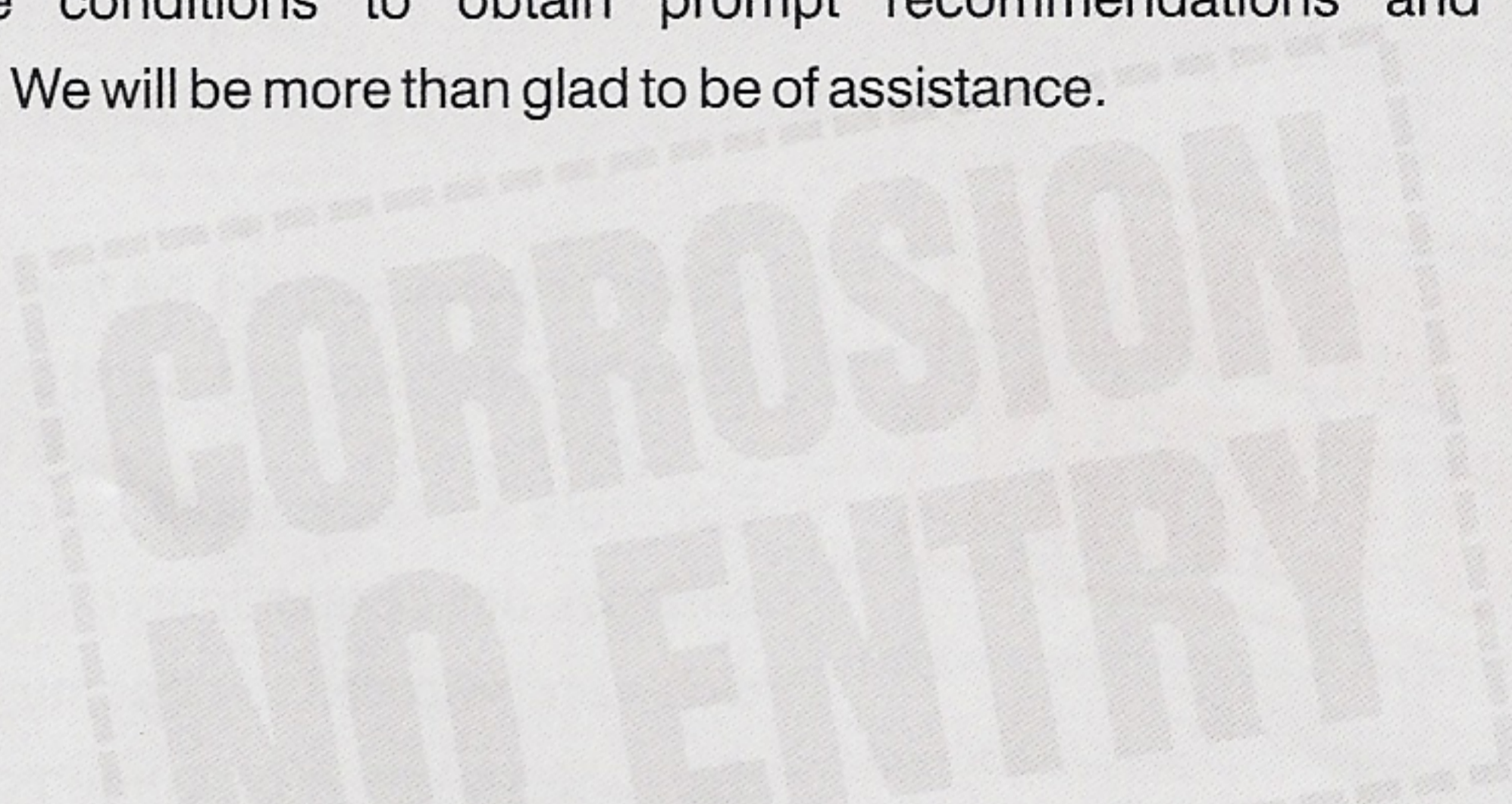
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PHYSICAL DATA:

Density in kg/m ³	1800
Cold Compressive Strength min. in kg/cm ² (at 7 days)	400
Flexural Strength min. kg/cm ² (at 7 days)	150
Bond Strength min. kg/cm ² (at 15 days)	10
Absorption %	Max. 1%
Temperature limit	90°C
Mixing Ratio, parts by weight	0.5 : 0.5 : 4.5 (Solution : Adduct:Fillers)
Pot life	20 minutes
Shelf life at Room Temperature (under Shade)	12 months

SERVICE :

The ARCOY Technical Department is maintained to 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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