



AROON 10

INTRODUCTION :

AROON 10 is an epoxy based monolithic screeding cement.

AROON 10 cement is a prominent member of Arcoy's range of anti-corrosive cements, which sets by chemical action to a hard strong mass. It is not affected by temperatures up to 100° C. **AROON 10** have exceptional physical properties in addition to high chemical resistance & negligible shrinkage.

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

AROON 10 has been employed with great advantage for rendering floor, foundations, channels, tanks etc. because of its outstanding chemical properties and physical resistance.

PROPERTIES :

The ease at which **AROON 10** can be spread to the required thickness, makes it particularly suitable for the production of homogeneous joint less monolithic surface, which has great chemical resistance & exceptional mechanical properties.

PREPARATION :

AROON 10 cement is available in three component systems. The Solution, the Catalyst and the Powder. 10 parts by weight of catalyst is to be added to 90 parts by weight of solution and to be mixed thoroughly. To this mixture add 500 to 600 parts by weight powder slowly while stirring to make 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's** application. All the surfaces are to be primed before the application of **AROON 10**. The primer is made with 90 parts by weight of solution to 10 parts by weight of catalyst.



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

**CORROSION
NO ENTRY**



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

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

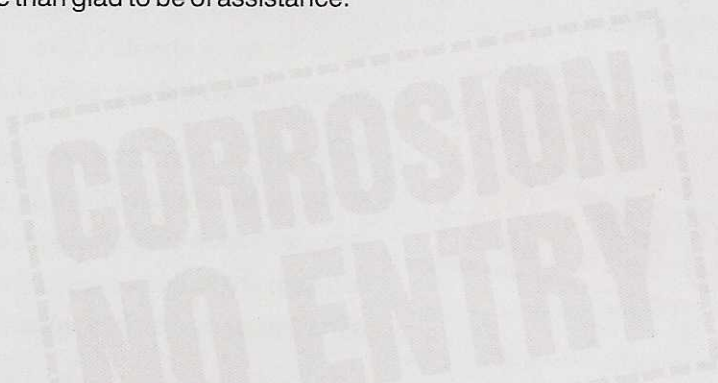
NOTE: The weight measurement of the liquid solution catalyst & the powder should be done accurately while mixing.

PHYSICAL DATA :

Density in kg/m ³	1800
Cold Compressive Strength min. in kg/cm ² (at 7 days)	700
Flexural Strength min. kg/cm ² (at 7 days)	200
Bond Strength min. kg/cm ² (at 15 days)	12 - 14
Absorption%	less than 1
Temperature limit	90° C
Pot Life	30 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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