



Product specifications:

Physical View:

Gray granular powder

Volumetric weight:

2300 kg per cubic Meter
(approximate)

Keeping condition:

In the packing and without humidity
place

Without chloride

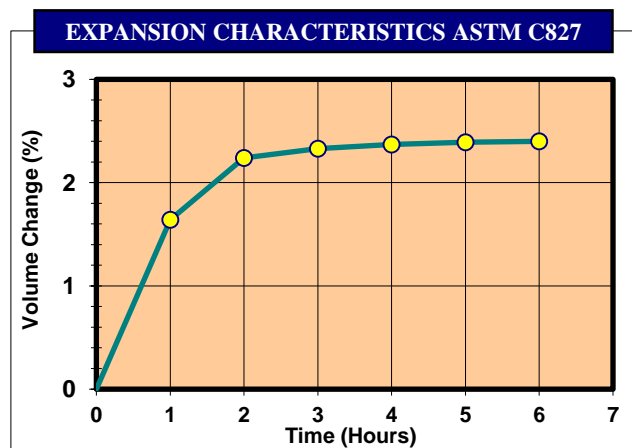
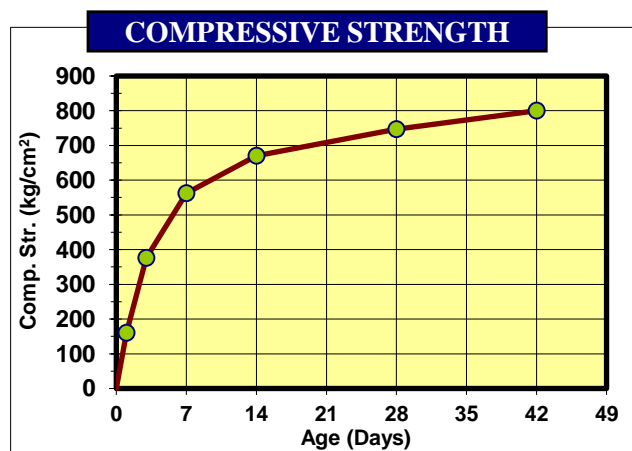
Arad Grout 750

Arad Grout 750 is composed of soft mortar with cement properties. That's formulation is some how which result in production of high quality improved Grout, It's dar an ability is some how increased to overcome difficulties like subsidence and falling of plastic quality and different kinds weak and unstable cement of mechanism. Its expansion rate is within the standard range and approximately 2.4% is irreversible.

Advantages of Arad Grout -750

- 1) Produce of efficient expanding gas with regard to in effect wrinkles and falling in cement Grouts.
- 2) High fluency and fluidity to easy application in narrow place and the spaces where is difficult to access.
- 3) Accessibility with the low proportion of water to cement which decrease penetrability and increase permanent power. (The percent amount of used water to the product weight is proposed **between 12 to 15 percent**)
- 4) A product with cement quality and the most capacity in load tolerance and high anticorrosion capability and gradual corruption in connections.
- 5) Without iron and chloride and harmful materials
- 6) Containing the grate amount of micron bulbs with other mechanical and physical properties which promote penetrability and also un leakage.

Resistance and expansion graphs:





Super Plasticiser & Expanding

Ready To Use

The mixing manner:

In order to optimize the product, mechanical Grout mixing machinery should be used because manual and traditional mixture ways will cause reduction and fall in efficiency. Add water to the powder slowly.

Don't add water more than distinguished amount because it would decrease Grout properties. (The amount of used water to the product weight is proposed **between 12 to 15 percent**). Mix the necessary powder and water completely so that the obtained grout become smooth, clear and flowing.

Executive recommendations:

The places where are supposed to be used by grout first should be clean and wet. It's better all of the process of scattering, pumping, injection and at last surfacing grout in place totally should not take more than **45 minutes** so that the most effect in expansion be obtained, the amount of used water to the product weight is proposed **between 12 to 15 percent**.

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www.arad-grout.ir

info@arad-grout.ir

The consume piton cases:

Arad Grout – 750 is a suitable replacement for all of the cement quality compositions in the places which need expansion and high resistance with limited conditions.

It's usual uses are under metal plates and the injection levels of cement grout and also to the Anchor bolts and Ducts.

The control:

The proper control in open surfaces at dry and sunny places is so necessary. The lack of supervision and the resulting ruination will decrease power and stability in grout. In all of the situations, the control should be continued **until 3 days**.

Also, in all of the keeping and control processes, grout should be kept in **more than 8°C** temperature.

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