



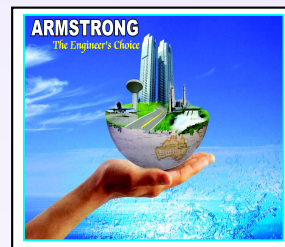
ARMSTRONG CHEMICALS PVT. LTD.,  
Bengaluru  
An ISO 9001 : 2008 Certified Company



(High Strength Elastomeric Water Barrier Grouting)

### DESCRIPTION OF THE PRODUCT :

RAPIDSTRONG EG 311- Is a high strength, low viscosity, Elastomeric Water Barrier Grout in liquid form, which reacts with water and expands to seal the pores and strengthen the concrete to the designed task. When impregnated into leaking structures it formed into an elastomeric water barrier with the action of polymerization. It imparts vibration and sound dampening properties, the unique formulation of product useful for placements that require good slow and adhesion to both steel and concrete.



### ADVANTAGES :

- Has solidifying properties in high pressures of water and stops water from oozing by solidifies the ground with high strength.
- Solvent free system that provides rapid cure and superior chemical resistance to a variety of chemicals.
- Non shrink characteristics of the products ensures high bond strength and surface contacts which provides high compressive, tensile and flexural strengths.
- Fast setting characteristics will provide high early strengths for convenient installations. Free flow low creep characteristics under sustained loading.
- The high bond strengths will enhances the elastomeric properties.
- It is an non hazardous and is environmentally and applicator friendly.

### CHARACTERISTICS :

Physical appearance	Transparent Viscous Liquid
Specific Gravity	1.07 + 0.03
Bond to concrete ASTM C 882	No shear failure, deflection to concrete.
Elongation	200%
Work time at 79oF (21oC)	30 Minutes
Gel Time ( Seconds )	45 +12
Cure Time at 79oF (21oC)	12 Hours

### APPLICATION AREAS :

- To serve as a water barrier in basements, gravel bedding as damp proof course.
- To prevent water ingress, oozing from ground.
- Prevention of land slides
- Solidifying and creating a water barrier in rock and earth fill dams.
- Back filling by impregnation for tunnel shield construction.
- Ideal to use as flammable concrete patching by addition of fine filler materials.
- Vibration and noise dampening applications and cast elastomers.

**PACKING :**

5 & 20 Kgs.

**SHELF LIFE :**

6 Months from the date of manufacturing.

**PRECAUTIONS :**

- If kept carefully in unopened condition.
- Shaded place, free of frost and in the original air tight packing.
- The surfaces to be applied should be dry cleaned and free from oil and grease

**SAFETY :**

Use normally safety precautions. Wear rubber hand gloves, safety shoes and safety goggles while using and handling the product. Avoid contact with skin and eyes. In case of accidental contact with eyes, wash with plenty of water and seek medical treatment immediately

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



**Manufacturers :**  
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