



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

RAPIDSTRONG GROUT PFC 79[®]

**High performance Single component Polyurethane polymer Injection Resin,
Water Reactive, Corrosion resistant and Highly Flexible Grout**

DESCRIPTION OF THE PRODUCT :

RAPIDSTRONG GROUT PFC 79 Is Single Component Polyurethane polymer Injection Resin, Water Reactive, Corrosion resistant and Highly Flexible grout. Designed for free flow grouting which sets quickly and forms into flexible solids in a controlled manner and flexible solid in densities and achieve the strength of designed levels. It controls the water oozing and solidifies the grout within few seconds in water to form a swelling resilient flexible solid in flowable consistency. It is highly impregnated into highly leaking structures and stops the water from oozing and solidifies the grout and forms into a solid water barrier by the process of polymerization and also protects the MS columns / structure against corrosion.

The product reaction initiates when it contacts with water, it will expand by penetrating into its surroundings, pores, narrow gaps and sets quickly to a tough highly flexible solid to repel the influence of negative seepage / flow and solidifies the surrounding which protects against environmental corrosion effect.

RAPIDSTRONG GROUT PFC 79 is a non-toxic / non-pollutant polyurethane polymer injection resin grout.



ADVANTAGES :

- ❖ Protects the MS Columns / Structures against corrosion.
- ❖ Liquid will remain unchangeable even after becoming a flexible solid.
- ❖ Stops the water from oozing and solidifies the grout within few seconds, as a highly flexible solid in all forms of water, highly impermeable solidifying property in all types of water.
- ❖ Does not wash away or dilutes in the ground water.
- ❖ When contacted with water, it reacts quickly and expands into its surroundings and forms into a flexible solid to repel the influence of underground seepage / flow, flexible solids expands and contracts as per the pressure.
- ❖ High strength and highly flexible solid - unchanged with the effects of chemicals, physical and bacterium.

PROPERTIES :

PRODUCT PROPERTIES	RAPIDSTRONG GROUT PFC 77
Appearance	Light yellow transparent liquid
Specific Gravity (at 20°C)	1.06 + 0.04
Viscosity (cps at 25°)	210
Toxicity	Non toxic
Flammability	Non flammable
Gel time (min)	0.6 to 0.8 Min

APPLICATION AREAS :

- ❖ Ideal to use for solidifying and strengthening the ground and also to stop the oozing water in all civil construction works.
- ❖ Ideal for leakproof treatment for under ground basements, retaining walls from negative pressure.
- ❖ Its solidifies and creates a water barrier in earth filling segments, rock areas and areas of MS Structures.
- ❖ Its ideal to use for solidifying the structures against waste water industrial / chemical waste, sewage / sludges.

APPLICATION METHODOLOGY :

RAPIDSTRONG GROUT PFC 79 : is a grout and as its a single component - operates through low pressure hand - operated pumps, in specific conditions high pressure pumps may be used for which the special packers / nipples are required.

Since the chemical reaction is very quick the results are immediately visible to block the areas and steel / reinforced structures protected against corrosion. When water is not naturally present in sufficient quantity to assure the desired reaction, a sufficient quantity of water is also required to be injected.

PACKING : 20 Kgs.

STORAGE : Store in dry conditions out of sun.

SHELF LIFE : 1 Year from the date of manufacturing

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 :
ARMSTRONG CHEMICALS PVT. LTD.

An ISO 9001 Certified Company



36/1, G-5, New International Airport Road, Ganga Nagar, BENGALURU - 560 032.

E-mail : armstrongchemicals@gmail.com

Web : www.acpl.live | www.armstrongchemicals.in

Please Contact for Customer Care Information : **08095621122** Toll Free No. **1800 103 2034**

Authorised Distributor / Stockist

ARMSTRONG CHEMICALS
TRUSTED AND ACCLAIMED FOR ITS
MULTIPLE ACTION PERFORMANCE

