



TECHNICAL DATA SHEET

ARKA POLY GROUT- POLYESTER RESIN ANCHOR GROUT

Description

ARKA POLYGROUT is a rapid curing, two-component polyester resin-based anchor grout formulated with unsaturated polyester resin and graded mineral fillers. It provides high early strength, excellent adhesion and chemical resistance, suitable for fixing steel inserts into concrete, rock and masonry substrates.

Areas of Application

- Anchoring threaded rods, bolts, and starter bars
- Fixing crash barriers, railings, machinery bases
- Installation of façade supports and handrails
- Structural reinforcement and retrofitting works
- Heavy-duty anchoring in cracked or uncracked concrete (depending on grade)

Technical Parameters

SL.No	Test Parameters	Result
1	Compressive Strength	
	3 Days	67.4

Surface Preparation

- Drill hole to recommended diameter and depth.
- Remove dust using air blower or brush.
- Ensure hole is clean, dry (slightly damp acceptable).
- Remove oil, grease, or loose material.

Mixing Instructions

- Mix Part -A liquid resin component thoroughly.
- Gradually add Part-B filler into resin.
- Mix for 2–3 minutes using spatula or paddle mixer until a uniform, lump-free grout is formed.
- Use immediately after mixing due to fast gel time.

Application Method

- Fill approximately 2/3 of the hole with mixed grout
- Insert the rod with slow rotating motion
- Align to final position and do not disturb during cure
- Apply load only after full curing time
- For deep embedment, fill in stages

COVERAGE

- Coverage depends on the diameter and depth of drilled holes.
Approx. guide per 1 kg of mixed grout: 100–150 ml of filled volume

Supply

1 Kg Kit

PART A: Base (Liquid 250 grms)

Part B : Filler (750 grms)



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