



ULTRA-STRONG, FREE-FLOW, MULTI-PURPOSE GROUT

DESCRIPTION

ADMIRE PAINTS ADICRETE GP 200 SUPER GROUT is a high-performance, polymer-enhanced, non-shrink grout engineered for demanding Industrial applications. It is a free-flowing, pumpable, and pourable material formulated with pre-blended cement, graded aggregates, special polymers, and performance-enhancing additives. The result is a dense, homogeneous grout with superior strength, durability, and dimensional stability.

BENEFITS

- No efflorescence formation • No segregation or bleeding • Single-component, ready-to-use system
- Resistant to oils, chemicals, and Industrial contaminants • Exceptional fluidity for ease of application
- Reaches difficult and remote voids effortlessly • Low permeability and high wear resistance
- Dimensionally stable; no edge treatment required • Rapid strength gain enables quicker turnaround and reduced downtime.

FUNCTIONALITY

ADICRETE GP 200 SUPER GROUT offers slight, controlled expansion immediately upon placement, ensuring complete void filling and excellent dimensional integrity. Its non-shrink characteristics maintain stability, preventing cracking, crumbling, or delamination even under dynamic loads.

APPLICATIONS

• Grouting for M100 design strength applications • Precast structural joints, dowels, anchor bolts, and rail posts • Machinery foundations, structural columns, and pump bases • Bearing plates, crane rails, and floor grid systems • Power line stanchions and vault barrier walls • Ideal for structural concrete repairs and strengthening

APPLICATION GUIDELINES

1. Surface Preparation: Clean all surfaces to remove grease, dirt, laitance, and contaminants. In repair works, remove unsound concrete and wash the area with a high-pressure water jet mixed with sodium bicarbonate. De-rust all metal surfaces and apply a zinc-rich primer. Pre-wet the substrate with clean water, ensuring no standing water remains before application.

2. Formwork: Use tight, leak-proof formwork for machine and column bases. Ensure the formwork allows continuous grout flow and provides full coverage. Keep all support structures securely fixed. Remove formwork only after the grout has properly hardened.

3. Mixing Instructions: Mix 12%–14% water by weight (approx. 2.5–3.0 L per 20 kg bag). Add the dry mix to water in a clean container. Use a mechanical mixer for a consistent blend. Mix only the quantity you can place within 15–20 minutes. Do **not** add extra water. After 10 minutes of thorough mixing, a self-compacting, workable mix is achieved.

4. Placement and Compaction: Apply when ambient temperatures are below 30°C. During hot weather, schedule placement in early mornings or late evenings. Place grout from one side only to prevent air entrapment. Use tamping rods or chains to ensure proper compaction and air release. Controlled vibration may be used, avoiding excessive movement.

5. Restraint: Ensure proper restraint to enable controlled expansion. For exposed surfaces over 50 mm thick, reinforcement is recommended.

6. Curing: Protect fresh grout from wind and sunlight. Cover with wet hessian cloth or pond water. When using hessian, cure for a minimum of 7 days.

Note: Initial strength gain will be slower at ambient temperatures below 10°C. Use warm mixing water (30°C–40°C) in such cases and delay demoulding to at least 36 hours. Site trials are recommended for specific job conditions.

SPECIFICATIONS

Compressive Strength(IS 4031 - 1998 Part 8) 1 day 7 days 28 days	(Maximum) N/mm ² 44 82 >100
Flexural Strength (IS 4031 - 1998 Part 8) 1 day 7 days 28 days	(Maximum) N/mm ² 5.12 11.89 13.2
Tensile Strength (Losenhausen — UTM) 28 Days	(Maximum) N/mm ² 6.04
Pull Out Bond Strength (Losenhausen — UTM) 3 Days	(N/mm ²) 20.55
Free Expansion (%) Early age (ASTM : C 806 - 04) Hardened State (ASTM C490 / C490M - 09)	0.8 0.03
Time for expansion Start Finish	20 Min 120 Min
Water-binder ratio	0.135
Supply form	Powder
Chloride Content	Nil
Fresh wet density	Approx 2200 Kg / Cum depending on actual consistency used
Modulus of Elasticity	>35 Mpa
Yield	0.016047 Cubic Feet/Kg
Packing	5 & 20 kg
Shelf Life	12 months from the date of manufacturing, if stored in sealed original packing.

HEALTH & SAFETY

ADICRETE GP 200 SUPER GROUT is low in hazard but alkaline. Avoid prolonged skin contact. Wear gloves, goggles, and a dust mask during handling. For detailed guidance, consult ADMIRE PAINTS Customer Care.



DEALERSHIP ENQUIRY SOLICITED FROM ALL OVER INDIA



Call Now : +91 97908 12431
or Write to: info@admirepaints.com

- SPECIAL EFFECTS DECORATIVE TEXTURE PAINTS • INTERIOR AND EXTERIOR EMULSIONS • WATERPROOF PAINTS
- HEAT REDUCTION PAINTS • ENAMEL PAINTS • ANTI CORROSIVE AND CHEMICAL RESISTANCE PAINTS • EPOXY COATINGS
- POLYURETHANE COATINGS • WALL PUTTY • WALL PRIMERS • EPOXY TILE GROUT • CONSTRUCTION ADMIXTURES
- TILE ADHESIVE • BLOCK ADHESIVE • SOLVENT CEMENT • SILICON SEALANTS