

PROXON ANCHOR GROUT

PROXON ANCHOR GROUT is a high-strength, corrosion-resistant polyester resin grout with two components: pre-packed resin and filler, for horizontal & vertical applications.



What

PROXON ANCHOR GROUT is a high-strength, corrosion-resistant polyester resin anchoring grout. It includes two components: pre-packed polyester resin and filler. Available in two grades: **PROXON ANCHOR GROUT** for horizontal and vertical applications.

Why?

- Gains strength quickly
- Resists dynamic vibration
- Tolerates slight moisture
- Highly corrosion resistant
- Suitable for damp conditions
- Strong and durable

Usage

Used for grouting dowel bars, anchor bolts, tendons in concrete, masonry, brickwork, and natural rock. Ideal for fixing foundation bolts, barriers, railway tracks, dock sills, cranes, and reinforcement starter bars permanently.

How to use?

- Clean, dry, contaminant-free.
- Remove Impurities: Oil, grease, paint.
- Mixing Process: Add Part B.
- Ensure lump-free consistency.
- Placing Material: Within pot life.
- Cleaning Tools: Use xylene solvent.

PROXON ANCHOR GROUT

Application

Surface Preparation:

Ensure the surface is structurally sound, clean & dry. Remove oil, grease, paint, curing compounds, laitance & other contaminants. No standing water should be present.

Mixing Placing & Cleaning:

Slowly add Part B powder into Part A, mixing thoroughly to achieve a uniform, lump-free consistency.

Apply **PROXON ANCHOR GROUT** within its pot life. Ensure continuous placement for best results.

Clean all tools immediately after use with xylene or any suitable solvent.

Storage

PROXON ANCHOR GROUT is available in a 1-litre kit or bulk containers for large applications. Store in a cool, dry, shaded area. Shelf life is 12 months if protected from humidity, UV exposure, and extreme temperatures.

Safety Measures

Contains no hazardous substances but requires caution. Wear gloves, goggles, and protective clothing. Rinse skin or eyes with water if contacted. If swallowed, seek medical help immediately. Store as instructed and refer to MSDS for details.

Physical Properties

Open time	25 minutes @ 35 deg * C
Compressive strength (BS 6319)	90 N/mm ² @ 3 hours 96.6 N/mm ² @ 24 hours 125 N/mm ² @ 7 days
Tensile strength (BS 6319)	13 N/mm ² @ 3 hours 96.6 N/mm ² @ 24 hours
Flexural strength (BS 6319)	26 N/mm ² @ 3 days 32 N/mm ² @ 7 days

The formula is used typically shown below permitted concrete shear stress using type one bar (N/mm²)

Characteristics concrete strength (N/mm ²)	1.8	2.0	2.2	2.5
	20	25	30	>40

Re bar Ø (mm)	Yield (tones)	Hole Ø (mm)	Minimum hole depth in mm			
12	5.2	20	280	250	225	200
16	9.3	20	490	445	400	355
20	14.5	25	615	555	500	440
25	22.6	32	750	675	615	540
32	37.0	38	1035	930	845	745
40	57.8	45	1365	1225	1115	980

Polyester resin based anchoring grout

PROXON ANCHOR GROUT

MANUFACTURING & MARKETING BY:

PROXON PRIVATE LIMITED

Corporate Office : #2/3, Sakthi Nagar Main Road, Arumbakkam,
Chennai-600 106, TamilNadu, India | **MOB :** +91 89259 62014

Website : www.proxon.in | info@proxon.in



Product Use Advisory : The technical information and advice provided are based on current scientific and practical knowledge. As this is general information, no warranty is given on product suitability for specific applications. Users must verify product suitability for their intended use and application.