



ES A + ES B STONE BINDER

HIGH-STRENGTH EPOXY STONE ADHESIVE

Epoxy Stone Adhesive

A high-strength, permeable epoxy adhesive designed for bonding decorative stones. Ideal for use in sponge city applications, this adhesive allows water to pass through while securely holding aggregates together.

USES

1. Versatile Usage

Our epoxy stone adhesive is ideal for bonding permeable stones in a variety of settings, including:

- Gardens and parks
- City squares and courtyards
- Swimming pool decks and bathing canters
- Villa driveways and patios
- Indoor and outdoor decorative surfaces
- Fitness and leisure walkways



2. Tree Pits in Residential Areas

Applied around tree pits at building entrances, the adhesive binds decorative stones securely, preventing loose soil and dust. This improves both pedestrian safety and the appearance of the surroundings while making maintenance easier.

3. Roadside Tree Pits

Used in urban landscaping, the adhesive helps create permeable stone surfaces that allow rainwater to infiltrate the ground. This reduces surface water on roads, improving drainage and traffic conditions.

FEATURES

1. Odourless – Safe and comfortable to use in both indoor and outdoor environments
2. High Hardness – Surface hardness up to 2H for strong wear resistance
3. Excellent Penetration – Deeply penetrates substrates for better bonding and durability
4. Strong Sealing Power – Enhances the surface and strengthens adhesion
5. Chemical Resistance – Resists both acids and alkalis for long-term protection



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APPLICATION METHOD

1. Mix Ratio: A : B = 3 : 1 by weight.
 - Pour both parts into a clean, dry container.
 - Mix thoroughly with electric drill mixer for at least 2 minutes.
 - By hand for at least 5 minutes to remove the trapped bubbles.

Note: Incomplete mixing can cause poor curing.
2. Prepare the Coloured Stones
 - Stones must be completely dry.
 - Remove excess stone powder, dust, oil, or other impurities.
 - Clean the stones if necessary to ensure good bonding.
3. Combine Resin with Stones
 - Mix the ready Epoxy (A+B) with the cleaned coloured stones.
 - Mix Ratio: Epoxy : Stone = 1 : 25 – 50 by weight.
 - Stir until each stone is coated and sticky.
4. Prepare the Road Surface
 - The surface must be clean and dry, free of oil, water, dust, stains and debris.
5. Apply the Mix
 - Spread the resin-coated stones evenly on the surface.
 - Shape according to your desired pattern or design.

STORAGE

- Store the product in a well-ventilated area at room temperature between 10°C and 30°C, with humidity levels between 50% and 80%.
- Keep all materials clearly labelled and stored in designated areas to prevent mix-ups.
- Separate and clearly mark any opened containers or leaking materials.

PACKING

Part A - 3 kg, Part B - 1 kg

Disclaimer:

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