



ADHVEYA
DRYMIX INDIA PVT LTD

Strength engineered. Excellence delivered.

DENSIFIER - P

(LITHIUM BASED)

PREMIUM CONCRETE DENSIFIER & SURFACE HARDENER

Adhveya Densifier - P (Lithium Based) is a premium lithium silicate concrete densifier engineered to provide superior surface hardening, exceptional abrasion resistance and long-term protection for high-performance concrete floors. Its advanced lithium-based formulation penetrates deep into the concrete and reacts with free lime to form additional Calcium Silicate Hydrate (C-S-H), creating a denser, stronger and more durable surface with minimal risk of efflorescence.

Ideal for demanding industrial, commercial and architectural applications, Densifier - P enhances floor performance, reduces maintenance requirements and improves the service life of concrete surfaces.



DEEP
PENETRATION
TECHNOLOGY



PREMIUM
LITHIUM SILICATE
FORMULA



SUPERIOR
SURFACE
HARDNESS



EXCELLENT
ABRASION
RESISTANCE



LOW
EFFLORESCENCE
POTENTIAL



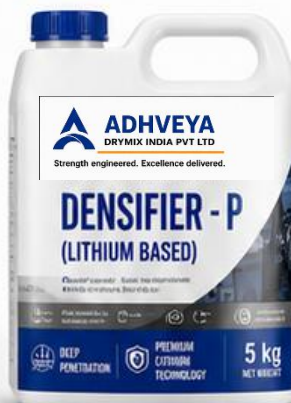
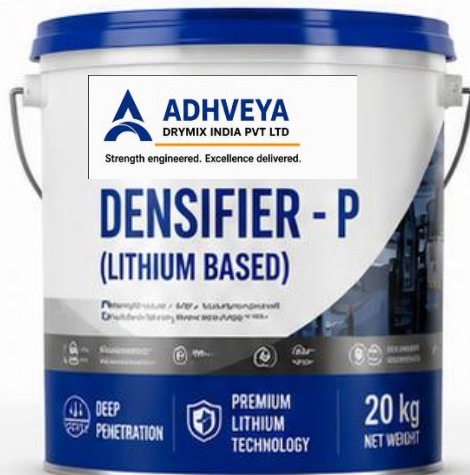
REDUCED WATER
ABSORPTION



LOW VOC



INTERIOR &
EXTERIOR USE



PREMIUM
LITHIUM
TECHNOLOGY



SURFACE PERFORMANCE

Premium lithium technology for maximum hardness, durability and long-term protection.



COVERAGE

Approx. 6–9 m²/kg
(Depending on surface porosity and substrate condition.)



VOC

Low VOC



PACKAGING

5 kg & 20 kg Packs



PREMIUM
LITHIUM TECHNOLOGY



DEEP
PENETRATION



SUPERIOR
SURFACE HARDNESS



LONG-TERM
CONCRETE PROTECTION

DENSIFIER - P

(LITHIUM BASED)

PREMIUM CONCRETE DENSIFIER & SURFACE HARDENER



PRODUCT DESCRIPTION

Adhveya Densifier - P (Lithium Based) is a premium lithium silicate solution that penetrates deep into concrete and reacts with free lime to form additional Calcium Silicate Hydrate (C-S-H). This advanced reaction process densifies the concrete, provides superior surface hardness, enhances abrasion resistance and reduces permeability. It delivers long-term durability with low efflorescence potential and is ideal for high-performance industrial, commercial and architectural concrete floors.



RECOMMENDED USES



TECHNICAL PROPERTIES (TYPICAL VALUES)

PROPERTY	TYPICAL VALUES
Appearance	Clear, colorless liquid
Base	Lithium Silicate Solution
Specific Gravity	1.15 ± 0.05
pH	11.0 - 12.5
Solids Content	28 - 32%
VOC Content	Low VOC
Coverage	Approx. 6 - 9 m ² / kg (Depending on surface porosity)
Drying Time	2 - 4 hours
Recoat Time	4 - 6 hours
Full Cure	7 days
Shelf Life	12 months in unopened pack

* The above values are typical and may vary based on site conditions.



SURFACE PREPARATION

The concrete surface must be structurally sound and free from loose or unsound concrete, oil, grease, paint, curing compounds, dust, laitance and other contaminants. Prepare the surface by mechanical means such as grinding, shot blasting or diamond grinding to obtain a clean, open and porous texture. Remove all debris and dust using industrial vacuum cleaning.



PRECAUTIONS

- Do not apply below 5°C or above 35°C.
- Do not apply in direct sunlight.
- Do not add any water, thinner or solvent.
- Do not re-temper or dilute.
- Use within the pot life.
- For professional use only.



PACKAGING

Available in
5 kg & 20 kg
Packs



STORAGE & SHELF LIFE

Shelf Life:
12 months from the date of manufacture in unopened original packing.

Storage:
Store in a cool, dry place away from direct sunlight and moisture.



HEALTH & SAFETY

Wear protective gloves, goggles and suitable clothing during application. Avoid contact with skin and eyes. In case of contact, flush with plenty of clean water and seek medical advice if irritation persists.



ADVANTAGES

- ✓ Superior surface hardness
- ✓ Excellent abrasion resistance
- ✓ Deep penetration
- ✓ Low efflorescence potential
- ✓ Reduces water absorption
- ✓ Long lasting durability
- ✓ High chemical resistance
- ✓ Easy application
- ✓ Interior & exterior use
- ✓ Low VOC (Solvent Free)
- ✓ Non flammable
- ✓ Environment friendly



MIXING

Densifier - P is ready to use. Do not dilute or mix with water, thinner or any other material.



READY TO USE



APPLY BY
ROLLER / SPRAYER
OR LOW PRESSURE



KEEP SURFACE
WET FOR
20-30 MINUTES



REMOVE EXCESS
MATERIAL



ALLOW TO DRY
NATURALLY



APPLICATION METHOD



1. SURFACE PREP

Ensure the surface is clean, sound and free from dust, oil, grease, laitance or loose particles.



2. APPLY

Apply Densifier - P evenly by spray, roller or low pressure sprayer to achieve uniform coverage.



3. KEEP WET

Keep the surface wet for 20-30 minutes for better penetration and chemical reaction.



4. REMOVE EXCESS

Remove excess material from the surface before it dries using a mop or squeegee.



5. DRY & CURE

Allow the surface to dry naturally. Protect from water for at least 24 hours.



CURING

Proper curing is essential to achieve optimum performance. After application, protect the surface from rapid water loss and allow adequate curing. Keep the surface continuously moist / sheltered for a minimum of 3 days in hot or windy conditions, take additional measures to prevent premature drying.



MANUFACTURED BY:

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