



ADHVEYA
DRYMIX INDIA PVT LTD

Strength engineered. Excellence delivered.

DENSIFIER - E

(SODIUM BASED)

CONCRETE DENSIFIER & SURFACE HARDENER

Adhveya Densifier - E (Sodium Based) is a silicate based solution that penetrates deep into concrete and reacts with free lime to form additional Calcium Silicate Hydrate (C-S-H). This process densifies the concrete, reduces dusting, improves abrasion resistance and increases surface hardness. It enhances durability and extends the service life of concrete floors. Suitable for both new and existing surfaces in industrial and commercial areas.



**DEEP
PENETRATION**



**SURFACE
HARDENING**



**DUST
PROOFING**



**HIGH ABRASION
RESISTANCE**



**REDUCED WATER
ABSORPTION**



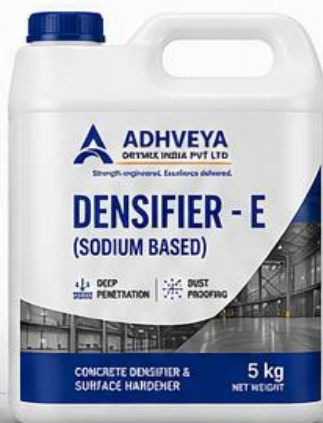
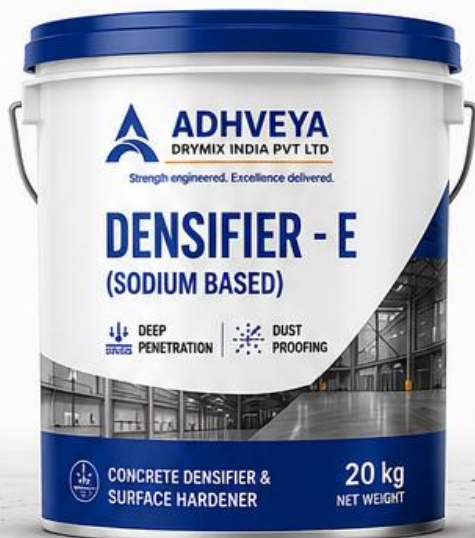
**IMPROVED
DURABILITY**



LOW VOC



**INTERIOR &
EXTERIOR USE**



SURFACE HARDNESS

Increases surface hardness and improves wear resistance.



COVERAGE

Approx. 5–8 m²/kg
(Depending on surface porosity and substrate condition.)



VOC
Low VOC



PACKAGING
5 kg & 20 kg Packs



**DEEP
PENETRATION**



**SURFACE
HARDENING**



**DUST
PROOFING**



**LONG LASTING
PROTECTION**

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(SODIUM BASED)

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PRODUCT DESCRIPTION

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RECOMMENDED USES



TECHNICAL PROPERTIES (TYPICAL VALUES)

PROPERTY	TYPICAL VALUES
Appearance	Clear, colorless liquid
Base	Sodium Silicate Solution
Specific Gravity	1.20 ± 0.05
pH	11.0 – 12.5
Solids Content	28 – 32%
VOC Content	Low VOC
Coverage	Approx. 5 – 8 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



ADVANTAGES

- Increases surface hardness
- Reduces surface dusting
- Improves abrasion resistance
- Reduces water absorption
- Long lasting durability
- High chemical resistance
- Easy application
- Interior & exterior use
- Low VOC
- Economical solution
- Non flammable
- Environment friendly



MIXING

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



APPLICATION METHOD



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.



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.



MANUFACTURED BY:

ADHVEYA DRYMIX INDIA PVT LTD

KUBER INDUSTRIAL PARK
VALSAD, GUJARAT, INDIA



adhveya@gmail.com



www.adhveya.com | www.adhveya.in