CONCRETE RESTORATION PRODUCTS

TECHNICAL DATA SHEET (TDS)

DH-6 – Blended Hybrid Densifier + Repellent

PRODUCT DESCRIPTION

DH-6 is a proprietary, penetrating concrete treatment designed to densify, harden, and provide water-resistant performance on concrete surfaces. This hybrid technology enhances surface durability while maintaining deep penetration into the substrate. DH-6 is designed for medium-porosity to medium-hard concrete, interior or exterior.

FEATURES & BENEFITS

- Premium choice for concrete polishing
- Penetrating, non-film forming treatment
- Increases surface hardness and durability
- Reduces dusting and surface wear
- Improves resistance to moisture intrusion
- Interior and exterior applications
- Compatible with polished concrete systems
- VOC-free

TYPICAL APPLICATIONS

- Concrete floors and slabs
- Warehouses and distribution centers
- Garages and driveways
- Exterior concrete surfaces

RECOMMENDED USE

- Medium-porosity concrete
- Polished concrete up to medium-hard hardness
- Not recommended for:
    - Steel-troweled or burnished concrete
    - Extremely dense or very hard concrete
    - Surfaces with minimal absorption
    - Decorative integrally colored concrete without testing

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CONCRETE HARDNESS (MOHS SCALE)

Recommended: Mohs 4–6

- Ideal range for DH-6 performance
- Strong penetration and reaction on medium to medium-hard slabs

Use With Caution: Mohs 7–8

- Absorption must be tested
- Risk of surface residue increases

Not Recommended:

- Mohs 2–3 (too soft; use DH-4 instead)
- Mohs 8–9+ (too dense; use DH-9 instead)

TECHNICAL DATA

Property	**Typical Value**
Appearance	Clear to slightly hazy liquid
Odor	Mild
pH	11.0 – 12.0
Specific Gravity	~1.10 – 1.15
VOC Content	0 g/L
Solubility	Water soluble
Active Content	17-18%
Total Solids	17-18%
Relative Density	1.10-1.15
Freeze Point	32°F (0°C)

COVERAGE RATE

200 – 600 sq ft per gallon, depending on surface porosity and condition

Coverage varies with porosity:

- Soft / porous concrete: 200–300 sq ft/gal
- Medium concrete: 300–500 sq ft/gal
- Medium-hard concrete: 400–600 sq ft/gal (test absorption first)

SURFACE PREPARATION

- Surface must be **clean, dry, and free of contaminants**
- Remove coatings, sealers, grease, and curing compounds
- Mechanical preparation may be required for best results

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APPLICATION INSTRUCTIONS

1. Apply using **low-pressure sprayer** and **microfiber pad**
2. Saturate surface evenly — **do not puddle**
3. Keep surface wet for **10–20 minutes**
4. Reapply to dry areas during dwell time
5. Allow product to penetrate
6. **Do not allow excess material to dry on surface**; Remove excess with a microfiber pad
7. Allow to dry completely before polishing or opening to trafffic

DRY AND CURE TIMES

- Dry to touch: 30–60 minutes
- Light traffic: 2–4 hours
- Polishing may resume: 1–2 hours
- Full cure: 24 hours

POLISHING INTEGRATION

Apply DH-6 after the floor is:

- Clean
- Uniformly scratched
- Absorbent

Recommended grit window:

- 100–200 grit for medium concrete
- 200 grit for medium-hard concrete (test absorption)

⚠ IMPORTANT APPLICATION NOTES

- DO NOT OVERAPPLY
- Always keep surface uniformly wet
- Remove excess to prevent residue
- Test in a small area prior to full application

LIMITATIONS

- Not for use on sealed or non-porous surfaces
- May affect adhesion of coatings
- Always perform adhesion testing prior to coating application

CLEANUP

Clean tools and equipment with **water immediately after use**

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STORAGE & SHELF LIFE

- Store in original container
- Keep tightly closed
- Store between **40°F – 100°F (5°C – 38°C)**
- Do not freeze
- Shelf life: **12 months (unopened)**

PACKAGING

1-gal, 5-gal, 55-gal, 275-gal totes

⚠ SAFETY INFORMATION

- Causes skin and eye irritation
- Avoid contact with eyes and skin
- Use appropriate PPE (gloves, eye protection)
- Use in well-ventilated areas

FIRST AID

- Eyes: Flush with water for 15 minutes
- Skin: Wash with soap and water
- Ingestion: Seek medical attention

DISPOSAL

Dispose of in accordance with **local, state, and federal regulations**

MANUFACTURER

Concrete Restoration Products
2626 Lavery Ct 301, Newbury Park, CA 91320
(855) 846-8277

LIMITED WARRANTY

FOR PROFESSIONAL USE ONLY.
The manufacturer warrants this product to be of uniform quality. Liability is limited to replacement of product only. User assumes all risks and responsibility for use and application.