

# ReVue™-HydroDense

## Concrete Hardener



**DESCRIPTION** – ReVue-HydroDense serves to harden and reduce dust on concrete floors in a single application and is ideal for substrates that require a light re-honing or mechanical polish. Due to its neutral pH properties and unique chemistry, ReVue-HydroDense possesses the ability to penetrate concrete on a microscopic level, forming a long-lasting, attractive effect. Its fast-acting formula allows for minimal down time and labor in any facility.

- **LEED® CREDIT** – LEED Green Building Certification Program credits may be available:
  - Consult Tennant support for more details.

### ENVIRONMENTALLY & USER FRIENDLY

- Closes Capillaries and Reduces Dust
- Increase Abrasion Resistance and Surface Hardness up to 40%
- Unique Chemistry Forms Long-Lasting Effect
- User Friendly Application
- Easy Clean-up
- Low Odor. Can be applied during normal business hours.
- Low VOC's. Complies with SCAQMD VOC regulations--<100 g/L.

### PRIMARY APPLICATIONS

Polished Concrete	Pharmaceutical
Retail Floors	Showroom Areas
Warehousing	Reducing Dust and Hardening Concrete Floors

### GENERAL PRODUCT INFORMATION

<b>STORAGE:</b>	Materials should be stored indoors between 40°F (4.44°C) and 100°F (37.78°C).
<b>SHELF LIFE:</b>	18 months from date of manufacture.
<b>PACKAGING OPTIONS / PART NUMBERS:</b>	<b>ReVue™-HydroDense</b> 1 Gallon Pail / 9016929 5 Gallon Pail / 9016901 55 Gallon Drum / 9016930 275 Gallon Tote / 9016931
<b>LIMITATIONS:</b>	-Incompatible with <b>strong oxidizers and acids</b> -Do not dilute or blend with other products -Do not allow ReVue-HydroDense to freeze

**IMPORTANT: READ AND FOLLOW ALL PRECAUTIONS AND INSTRUCTIONS BEFORE PROCEEDING.**

**PLEASE SEE SAFETY DATA SHEET (SDS) FOR HANDLING PROCEDURES.  
USE PRODUCT AS DIRECTED.  
KEEP OUT OF THE REACH OF CHILDREN.**

### PRELIMINARY FLOOR INSPECTIONS

**NOTE:** Although testing is critical, it is not a guarantee against future problems. This is especially true if there is no vapor barrier or the vapor barrier is not functioning properly and/or you suspect you may have concrete contamination from oils, chemical spills or excessive salts.

### APPLICATION EQUIPMENT

• Protective clothing	• Propane or Electrical Rotary Floor Grinder
• Hand Pump Sprayer	• Proper ReVue Diamond and Resin Abrasive Tooling
• Tennant Auto Scrubber	• Floor Burnishing Machine
• Push Broom	• Vacuum

TENNANT COATINGS

For First Impressions That Last™

## PREPARATION

**CHECK THE CONCRETE:** Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for compatibility prior to full scale application.

Test the absorbency of the substrate by sprinkling water on the surface in a variety of areas across the entire surface to get an average condition. If the water penetrates into the substrate quickly, it is ready for application. If the water beads up, or does not penetrate, the surface has some type of sealer/coating. The sealer must be removed either mechanically (using abrasive or aggressive diamonds) or chemically.

All surfaces must be clean, dry and free of grease, oil, dust, dirt, etc. To clean, use a neutral pH cleaner/degreaser, following label directions, rinse thoroughly and allow the surface to dry. If mold, mildew, or fungus is present, kill and remove by cleaning with a solution of 1 part household bleach to 3 parts water.

**JOINTS:** Depending on the preference of the facility owner, joints may or may not be filled. If the joints are filled, non-moving joints, i.e. contraction or control joints, can be hard filled with thickened, 100% solids epoxy or with a semi-rigid joint filler such as Eco-EJF™ or Eco-PJF™ prior to abrading/ burnishing.

## APPLICATION – ReVue™-HydroDense

**ENSURE FLOOR IS DRY PRIOR TO APPLICATION.** Floor moisture should not exceed “damp dry”. Use Industrial-grade fan for faster dry times.

**APPLY TENNANT ReVue-Dense USING A LOW-PRESSURE, HAND-PUMP SPRAYER OR HVLP SPRAYER.**

**COVERAGE RATE** may vary based on concrete porosity. A gallon (3.78 litres) of ReVue-HydroDense will cover: 400 ft<sup>2</sup> (37.16 m<sup>2</sup>) to 600 ft<sup>2</sup> (55.74 m<sup>2</sup>)

**BROOM INTO SURFACE TO ENSURE EVEN COVERAGE.** For large square footages, a Tennant Auto Scrubber can be used with squeegee pulled up, vacuum off and soft, white nylon brush down.

**DO NOT** apply more product than you can polish within an 8-hour period.

**APPLY ENOUGH ReVue-HydroDense TO KEEP THE SURFACE WET FOR 30 MINUTES.** Add additional product as needed to keep the surface wet with ReVue-HydroDense.

**BROOM ReVue-HydroDense INTO SURFACE** in order to agitate the concrete and provide even coverage. For large square footages, a Tennant Auto Scrubber can be used with squeegee pulled up, vacuum off and soft, white nylon brush down.

**NOTE:** *Ensure broom is not too aggressive so as to pull up the surface.*

**NOTE: DO NOT** remove the wet material from the floor before the 30-minute window has passed. Any excess material will dry as a white powder and can be swept or removed with a Tennant auto scrubber.

## TECHNICAL SUPPORT

For any preparation or application questions, please call Tennant technical support at 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).

## DISPOSAL

Dispose of all excess material, packaging and other waste in accordance with federal, state and local regulations.

## MAINTENANCE GUIDELINES

**Care:** Proper maintenance will increase the life and help maintain the appearance of your new Tennant polished floor. Routine sweeping, mopping, washing, and mechanical scrubbing of floors with ReVue™-CLN clean and conditioner or ReVue™-DCLN daily cleaner is recommended. Water can be sufficient in some environments. **DO NOT USE** cleaners that are either acidic or have a butyl base. The product is chemically resistant; however, it is susceptible to stripping with butyl degreasers and some acids.

**Use soft nylon brushes or ReVue™-DIP pads to maintain gloss of floor.**

**Detergent:** Tennant has a full range of detergents--general purpose to heavy duty--for your cleaning needs. For assistance in determining which detergent is right for your facility or for additional technical information call: 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

Tennant offers a limited warranty on all products. Please see the Tennant Coatings Limited Product Warranty Statement on our website at [www.tennantcoatings.com/warranty](http://www.tennantcoatings.com/warranty). Please contact the Tennant Coatings Technical Support team for additional questions at 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).