

# Tennant Quartz DB

## Double Broadcast



**DESCRIPTION** - A double broadcast of decorative quartz into a high solids epoxy, sealed with a UV resistant epoxy and topcoated with a light-stable urethane which has a satin appearance for long-lasting durability. System can be applied at varying thicknesses by using different build coats to accommodate concrete conditions or durability requirements. Gloss options are available. The decorative quartz is available in a virtual rainbow of colors and patterns to complement any environment.

### RECOMMENDED SYSTEM

| Application Steps              | Tennant Product | Application Thickness<br>mils [mm] | Coverage Rate<br>ft <sup>2</sup> /gal [m <sup>2</sup> /3.78 L] |
|--------------------------------|-----------------|------------------------------------|--|
| 1 <sup>st</sup> Broadcast Coat | Eco-MPE         | 10-12 [0.25-0.30]                  | 133-160 [12.4-14.9]  |
| Decorative Quartz              | Quartz          | 0.4-0.5 lbs [0.18-0.23 kg]         | 1 [0.09]   |
| 2 <sup>nd</sup> Broadcast Coat | Eco-MPE         | 15 [0.38]                          | 107 [9.9]  |
| Decorative Quartz              | Quartz          | 0.4-0.5 lbs [0.18-0.23 kg]         | 1 [0.09]   |
| Grout Coat                     | Eco-UVE™        | 15 [0.38]                          | 107 [9.9]  |
| Topcoat                        | Eco-HTS™ 100    | 3 [0.08]                           | 535 [49.70]  |

Other Tennant products may be used for the application steps; contact your Tennant Coatings Specialist. See appropriate product bulletin for application instructions or contact Tennant Technical Support. The alternate systems below use different products for broadcast coats, grout coats and topcoats.

### ALTERNATE SYSTEM #1

| Application Steps              | Tennant Product | Application Thickness<br>mils [mm] | Coverage Rate<br>ft <sup>2</sup> /gal [m <sup>2</sup> /3.78 L] |
|--------------------------------|-----------------|------------------------------------|--|
| 1 <sup>st</sup> Broadcast Coat | Eco-MPE         | 10-12 [0.25-0.30]                  | 133-160 [12.4-14.9]  |
| 2 <sup>nd</sup> Broadcast Coat | Eco-MPE         | 15 [0.38]                          | 107 [9.9]  |
| Grout Coat                     | Eco-UVE         | 15 [0.38]                          | 107 [9.9]  |
| Topcoat                        | Eco-UVE         | 8 [0.20]                           | 200 [18.6]   |

### ALTERNATE SYSTEM #2

| Application Steps              | Tennant Product | Application Thickness<br>mils [mm] | Coverage Rate<br>ft <sup>2</sup> /gal [m <sup>2</sup> /3.78 L] |
|--------------------------------|-----------------|------------------------------------|--|
| 1 <sup>st</sup> Broadcast Coat | Eco-Flex™       | 10-12 [0.25-0.30]                  | 133-160 [12.4-14.9]  |
| 2 <sup>nd</sup> Broadcast Coat | Eco-Flex™       | 15 [0.38]                          | 107 [9.9]  |
| Grout Coat                     | Eco-TCP™        | 15 [0.38]                          | 107 [9.9]  |
| Topcoat                        | Eco-TCP         | 15 [0.38]                          | 107 [9.9]  |

### ALTERNATE SYSTEM #3

| Application Steps              | Tennant Product | Application Thickness<br>mils [mm] | Coverage Rate<br>ft <sup>2</sup> /gal [m <sup>2</sup> /3.78 L] |
|--------------------------------|-----------------|------------------------------------|--|
| 1 <sup>st</sup> Broadcast Coat | Eco-MPE         | 10-12 [0.25-0.30]                  | 133-160 [12.4-14.9]  |
| 2 <sup>nd</sup> Broadcast Coat | Eco-MPE         | 15 [0.38]                          | 107 [9.9]  |
| Grout Coat                     | Eco-TCP         | 15 [0.38]                          | 107 [9.9]  |
| Topcoat                        | Eco-TCP         | 8 [0.20]                           | 200 [18.6]   |

### ALTERNATE SYSTEM #4

| Application Steps              | Tennant Product | Application Thickness<br>mils [mm] | Coverage Rate<br>ft <sup>2</sup> /gal [m <sup>2</sup> /3.78 L] |
|--------------------------------|-----------------|------------------------------------|--|
| 1 <sup>st</sup> Broadcast Coat | Eco-TCP         | 10-12 [0.25-0.30]                  | 133-160 [12.4-14.9]  |
| 2 <sup>nd</sup> Broadcast Coat | Eco-TCP         | 15 [0.38]                          | 107 [9.9]  |
| Topcoat                        | Eco-TCP         | 15 [0.38]                          | 107 [9.9]  |

- **LEED® v4** – Indoor Air Quality credits available.
  - Meets requirements per CDPH-CA Section 01350 Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental chambers Version 1.2.

### ENVIRONMENTALLY & USER FRIENDLY

- Reduced solvent means less evaporation and less waste.
- Low Odor. Can be applied during normal business hours.
- Complies with SCAQMD VOC regulations--<100 g/L

### PRIMARY APPLICATIONS

|                                     |                          |                    |
|-------------------------------------|--------------------------|--------------------|
| Locker Room / Restroom / Break Room | Classroom / Patient Room | Pool Decks         |
| Lobby / Waiting Room                | Clean Room / Lab         | Cafeteria / Atrium |
| Showroom / Retail Floor / Hallways  | ER / OR                  | Produce            |

TENNANT COATINGS

For First Impressions That Last™

## SYSTEM PROPERTIES

| Property  | Test Method         | Results  |
|---|---------------------|--|
| Abrasion Resistance<br>Taber Abraser CS-17 Taber Abrasion Wheel,<br>1,000 gram load, 1,000 revolutions. | ASTM D4060          | 18 mg/loss<br>Result based on independent lab testing<br>of Eco-HTS™.  |
| Adhesion to Concrete, psi [MPa]   | ASTM D4541          | 450 [3.10] (concrete failed)   |
| Adhesion to Concrete, psi [MPa]   | ASTM D7234          | 732 [4.48] (concrete failed)   |
| Coefficient of Friction – COF, James Friction<br>Tester   | ASTM D2047          | 0.63   |
| Coefficient of Friction - Wet Static, BOT 3000  | ANSI/NFSI<br>B101.1 | 0.94   |
| Compressive Strength, psi [MPa]   | ASTM D695           | 13,500 [93.079]  |
| Flammability, mm/min  | ASTM D635           | 182  |
| König Hardness (3 mil/0.08 mm film) (topcoat resin)   | ASTM D4366          | 171.3  |
| Shore D Hardness  | ASTM D2240          | 80-85@ 0 sec   75-80 @ 15 sec  |
| Sward Hardness (1 mil film)   | ASTM D2240          | 35-40  |
| Tensile Strength, psi [MPa]   | ASTM D2370          | 8,000 [55.158]   |
| Percent Elongation, (resin only)  | ASTM D2370          | 6  |
| Volatile Organic Compound, VOC, lb/gal [g/L]  | ASTM D3960          | <b>Eco-MPE</b> <b>Eco-HTS 100</b><br>A+B = 0.41 [49]              A+B+C= 0.05 [6]<br><b>Eco-UVE</b><br>A+B = 0.19 [23] |
| Water Absorption (24 hours)   | ASTM D570           | 0.2% weight increase   |

Results are based on conditions at 77°F [25°C].

## CHEMICAL RESISTANCE PROPERTIES (with Eco-HTS 100 Topcoat)

|                                     | 1 Day | 7 Days |   | 1 Day | 7 Days |
|-------------------------------------|-------|--------|---|-------|--------|
| <b>Acids, Inorganic</b>             |       |        | <b>Solvents (Chlorinated)</b>   |       |        |
| 10% Hydrochloric Acid               | E     | E      | Methylene Chloride  | P     | P      |
| 30% Hydrochloric Acid<br>(Muriatic) | E     | E      | <b>Solvents (Ketones &amp; Esters)</b>  |       |        |
| 10% Nitric Acid                     | E     | E      | Methyl Ethyl Ketone (MEK)   | E     | E      |
| 50% Phosphoric Acid                 | E     | G      | Propylene Glycol Methyl Ether Acetate (PMA)   | E     | E      |
| 37% Sulfuric Acid (Battery<br>Acid) | E     | E      | <b>Miscellaneous Chemicals</b>  |       |        |
| <b>Acids, Organic</b>               |       |        | 20% Ammonium Nitrate  | E     | E      |
| 10% Acetic Acid                     | E     | E      | Brake Fluid   | E     | E      |
| 10% Citric Acid                     | E     | E      | Bleach  | E     | E      |
| Oleic Acid                          | E     | E      | Motor Oil (SAE 30)  | E     | E      |
| <b>Alkalies</b>                     |       |        | Skydrol® 500B   | E     | E      |
| 10% Ammonium Hydroxide              | E     | E      | Skydrol® LD4  | E     | E      |
| 50% Sodium Hydroxide                | E     | E      | 20% Sodium Chloride   | E     | E      |
| <b>Solvents (Alcohols)</b>          |       |        | 1% Tide® Laundry Soap   | E     | E      |
| Ethylene Glycol (Antifreeze)        | E     | E      | 10% Trisodium Phosphate   | E     | E      |
| Isopropyl Alcohol                   | E     | E      | Coffee  | E     | E      |
| Methanol                            | E     | E      | Coke®   | E     | E      |
| <b>Solvents (Aliphatic)</b>         |       |        | Ketchup   | E     | E      |
| d-Limonene                          | E     | E      | Mustard   | G*    | G*     |
| Jet Fuel - JP-4                     | E     | E      | Red Wine  | E     | G*     |
| Gasoline                            | E     | E      | 3M™ DuraPrep™   | G*    | F      |
| Mineral Spirits                     | E     | E      | Purdue Betadine Solution  | G*    | G*     |
| <b>Solvents (Aromatic)</b>          |       |        | Registered trademarks: Tide® of Procter and Gamble, Skydrol® of Solutia, Inc.,<br>Coke® of Coca-Cola Company and 3M™ DuraPrep™. |       |        |
| Xylene                              | E     | E      |   |       |        |

Results are based on 1-day and 7-day spot testing. Coating cured 2 weeks prior to testing.

**Legend:**

E - Excellent (No Adverse Effect) - Recommended.

F - Fair (Moderate Adverse Effect) - Not recommended.

G - Good (Limited Adverse Effect) - Use for short-term exposure only.

P - Poor (Unsatisfactory) - Little or no resistance to chemical.

\*Only adverse effect was staining.

**NOTE:** Reduced chemical resistance and staining is possible in pigmented versions of the system.

## GENERAL PRODUCT INFORMATION

|   |  |  |  |
|---|--|--|--|
| <b>STORAGE:</b>                                 | Materials should be stored indoors between 65°F (18°C) and 90°F (32°C).  |  |  |
| <b>SHELF LIFE:</b>                              | One year from date of manufacture.   |  |  |
| <b>PACKAGING OPTIONS / PART NUMBERS:</b>        | <b>Eco-MPE</b><br>3.0 gallons / 370503<br>15.0 gallons / 370650  | <b>Eco-UVE</b><br>15 gallons / 9021902 | <b>Eco-HTS 100</b><br>1.09 gallons / 9002617<br>5.5 gallons / 90002621 |
| <b>STANDARD QUARTZ BLENDS / SOLIDS 50# BAG:</b> | For part numbers, refer to Coatings Price List or contact Tennant Customer Service for assistance. Custom blends are also available.   |  |  |
| <b>OPTIONS:</b>                                 | <b>Colors in Eco-MPE:</b> Use colorants at a rate of one unit per 3-gallon (11.34 litres) mix. Standard Colorants--White, Yellow, Light Gray and Rotunda Red will not impart total hide. Use these colorants at a rate of two units per 3-gallon (11.34 litres) mix. Similar colorants also may not hide as well. Refer to Color Selection Guide or consult Tennant Technical Support.<br><b>Cove:</b> A seamless, smooth transition can be created between the flooring and wall. Call Technical Support for assistance or see bulletin on Cove Installation. |  |  |
| <b>LIMITATIONS:</b>                             | <b>Contamination (Fisheyes):</b> Product may fisheye if oil, silicones, mold release agents or other contaminants are present.   |  |  |

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

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

## PRELIMINARY FLOOR INSPECTIONS

**CHECK THE CONCRETE:** Concrete must be structurally sound and free of curing membrane, paint or other sealer. If you suspect that the concrete has been previously sealed, call Tennant Company, technical support for further instructions.

**CHECK FOR MOISTURE:** Concrete must be dry before application of this floor coating material. Concrete moisture testing must occur. In-situ relative humidity testing is recommended. Readings must be below 75% relative internal concrete humidity. Test methods can be purchased at [www.astm.org](http://www.astm.org), see F2170, or follow manufacturer's instructions. If moisture issues are present, the use of a moisture mitigation system may be a consideration. Please call Tennant Company Technical Support for further information / instructions.

**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.

**CHECK THE TEMPERATURE AND HUMIDITY:** Floor temperature and materials should be between 65°F (18°C) and 90°F (32°C). Humidity must be less than 80%. **DO NOT** coat unless floor temperature is more than five degrees over the current, local dew point.

## APPLICATION EQUIPMENT

|  |  |
|--|--|
| <ul style="list-style-type: none"><li>Protective clothing</li><li>Jiffy® Mixer Blade<br/>[Tennant Part No. 08643-1 (1 gal) or 08643-5 (5 gal)]</li><li>Slow speed drill (500 rpm or less)</li><li>18-24" Flat squeegee</li><li>18-24" 1/16" Notched squeegee</li></ul> | <ul style="list-style-type: none"><li>Roller Assembly (18")</li><li>Medium (3/8") Nap Roller</li><li>Spiked shoes</li><li>Push broom and/or vacuum</li></ul> |
|--|--|

**ASSEMBLE EQUIPMENT:** Due to the limited pot life of the material, all application equipment, etc. should be ready for immediate use. (Clean roller with tape to remove any residual lint.)

## PREPARATION

Detergent scrub and rinse with clean water to remove surface dirt, grease, oil and contaminants.

Patch all depressions, divots and stress cracks in concrete with thickened epoxy to reduce the ability to see the defect through the decorative system.

**Steel Shot Blast:** Use magnetic broom to remove excess shot, sweep to remove large debris and vacuum to remove fine dust.

**Diamond Grind:** Sweep to remove large debris and vacuum to remove fine dust.

**JOINTS:** For a seamless appearance, joints need to be filled. Contraction or control joints can be filled with a semi-rigid joint filler such as Eco-PJF™ or Eco-EJF™. Ensure the joints are clean by running a saw equipped with a diamond blade and vacuum to remove any debris. Construction joints less than one inch wide may also be filled with Eco-PJF. Cracking of the resurfacer will occur over joints that are overlaid and later move. Because resurfacers are not flexible, joints that might move should be honored (cut) after the installation and filled with Eco-PJF or Eco-EJF. Isolation joints must be honored and filled with a flexible material designed for this purpose.

## POROUS CONCRETE

If concrete is porous and outgassing is of concern, a thin primer coat applied prior to the seed coat is recommended. A thin coat of primer will wet out concrete, help seal off concrete pores and minimize outgassing bubbles. Apply a tight coat of primer with a clean, flexible squeegee. Backrolling is not recommended. There should be no mil build over the high spots of the concrete.

**TO REDUCE OUTGASSING BUBBLES**, it is best to wait until the primer has set up enough to walk on before applying the seed coat of Eco-MPE. The primer must be coated within 24 hours at floor temperatures 65°F-90°F (18°C-32°C).

### APPLICATION – 1<sup>ST</sup> BROADCAST COAT - ECO-MPE

**COVERAGE RATE:** One gallon (3.78 litres) of Eco-MPE will cover:

160 ft<sup>2</sup> (14.9 m<sup>2</sup>) at 10 mils (0.25 mm) wet/dry film

145 ft<sup>2</sup> (13.5 m<sup>2</sup>) at 11 mils (0.28 mm) wet/dry film

133 ft<sup>2</sup> (12.4 m<sup>2</sup>) at 12 mils (0.30 mm) wet/dry film

**PREMIX PART A** using a Jiffy® mixer blade and slow speed drill. (This is required for both 3-gallon (11.34 litres) and full-filled 5-gallon (18.9 litres) units.) For full-filled 5 gallon pails (18.9 litres), pour out 2 gallons (7.56 litres) into a measuring container. Then, pour the measured Part A into a mixing pail.

Pigment the first seed coat of Eco-MPE to help with hide.

**COLORS:** Premix Tennant Colorants to ensure uniform color. Colorant is added to the Part A and mixed using a Jiffy® mixer blade and slow speed drill. **NOTE:** *When using colorant in the bulk units, add the colorant to the Part A that has been measured into the "mixing pail".*

**ADD ECO-MPE PART B TO PART A (3 GALLONS / 11.34 LITRES TOTAL MIX).** For full-filled 5-gallon pails (18.9 litres), pour out 1 gallon (3.78 litres) Part B into a measuring container that is separate from the one used with the Part A. Then, add the measured Part B to the Part A already in the mixing pail. **POTLIFE:** *Mix only enough material which can be applied within the work time (time between the addition of Part B to Part A and the completion of all application actions). Check the following chart for work times at various temperatures. For smaller quantities, use 2 parts PART A to 1 part PART B by volume.*

**APPROXIMATE WORK TIME (minutes) - °F (°C):**

|                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|
| <u>65 (18.3)</u> | <u>70 (21.1)</u> | <u>75 (23.9)</u> | <u>80 (26.7)</u> | <u>90 (32.2)</u> |
| 40               | 30               | 25               | 20               | 15               |

**MIX FOR 2 MINUTES** using a Jiffy® mixer blade and slow speed drill. (Failure to do so could result in lower/diminished coating properties.)

**IMMEDIATELY POUR ALL OF THE MIXED MATERIAL** onto the floor in a single bead.

**PUSH THE SQUEEGEE** at an even speed and down pressure to apply the desired thickness. A notched squeegee can be used to increase the thickness applied. **NOTE:** *The use of spiked shoes will allow freedom of movement on the wet floor.*

**CAUTION:** *The surface will be slippery.*

**START THE SECOND AND REMAINING PASSES** by pushing material parallel to the first stroke. Hold the bead of material near the center of the bar and push at an even speed with slight down pressure.

**BACKROLL THE MATERIAL** with a 3/8" (10 mm) nap roller for a smooth uniformed appearance. Backrolling is required to remove the puddles and squeegee lap marks in order to obtain uniform texture and a consistent mil thickness.

### APPLICATION – DECORATIVE QUARTZ

**IMMEDIATELY BROADCAST TO EXCESS WITH DECORATIVE QUARTZ** into the uncured Eco-MPE resin on the floor. Do not dump or pile the material. Gently scatter it onto the floor by hand tossing so as to cover the wet resin completely.

**NOTE:** *It is important that epoxy is not visible (no wet or shiny areas) after quartz settles, because any visible epoxy will yellow. A coverage rate of 0.4 to 0.5 pounds (0.18 to 0.23 kg) per ft<sup>2</sup> (0.09 m<sup>2</sup>) of quartz is recommended.*

**ALLOW SYSTEM TO CURE** 8-10 hours at 75°F (24°C).

**THOROUGHLY SWEEP AND VACUUM** to remove loose colored quartz from surface. **NOTE:** *DO NOT save and reuse swept and vacuumed colored quartz unless you have taken extra precautions.*

### APPLICATION – 2<sup>ND</sup> BROADCAST COAT - ECO-MPE

**COVERAGE RATE:** One gallon (3.78 litres) of Eco-MPE will cover:

107 ft<sup>2</sup> (9.9 m<sup>2</sup>) at 15 mils (0.38 mm) wet/dry film

**REPEAT STEPS** used for mixing and spreading of the first seed coat.

### APPLICATION – DECORATIVE QUARTZ

**REPEAT STEPS** used for application of the broadcast quartz.

### APPLICATION – GROUT COAT - ECO-UVE

**COVERAGE RATE:** A gallon (3.78 litres) of Eco-UVE will cover:

107 ft<sup>2</sup> (9.9 m<sup>2</sup>) at 15 mils (0.38 mm) wet/dry film

100 ft<sup>2</sup> (9.3 m<sup>2</sup>) at 16 mils (0.41 mm) wet/dry film

**PREMIX PART A** using a Jiffy® mixer blade and slow speed drill. Pour out 2 gallons (7.56 litres) into a measuring container. Then, pour the measured Part A into a mixing pail.

**ADD ECO-UVE PART B TO PART A (3 GALLONS / 11.34 LITRES TOTAL MIX).** Pour out 1 gallon (3.78 litres) Part B into a measuring container that is separate from the one used with the Part A. Then, add the measured Part B to the Part A already in the mixing pail. **POTLIFE:** *Mix only enough material which can be applied within the work time (time between the addition of Part B to Part A and the completion of all application actions).* Check the following chart for work times at various temperatures. For smaller quantities, use 2 parts PART A to 1 part PART B by volume.

**APPROXIMATE WORK TIME (minutes) - °F (°C):** 65 (18.3) 70 (21.1) 75 (23.9) 80 (26.7) 90 (32.2)  
50 40 35 30 25

**MIX FOR 2 MINUTES** using a Jiffy® mixer blade and slow speed drill. (Failure to do so could result in lower/diminished coating properties.)

**IMMEDIATELY POUR ALL OF THE MIXED MATERIAL** onto the floor in a single bead.

**PUSH THE FLAT SQUEEGEE** at an even speed with sufficient down pressure to apply the thinnest coat. **NOTE:** *The use of spiked shoes will allow freedom of movement on the wet floor.*

**START THE SECOND AND REMAINING PASSES** by pushing material parallel to the first stroke. Hold the bead of material near the center of the bar.

**BACKROLL THE MATERIAL** with a 3/8" (10 mm) nap roller for a smooth uniformed appearance. Backrolling is required to remove the puddles and squeegee lap marks in order to obtain uniform texture and a consistent mil thickness. **NOTE:** *Get off the Eco-UVE as soon as possible.*

Eco-UVE must be topcoated with Eco-HTS 100 at floor temperatures of 65-90°F (18-32°C) within 24 hours.

## APPLICATION – TOPCOAT – ECO-HTS 100

**NOTE:** *The topcoat of Eco-HTS 100 must be applied after the Eco-UVE has set up enough to walk on and within 24 hours.*

**PREMIX PART A FOR 3 MINUTES USING A JIFFY® MIXER BLADE** with slow speed drill. **POTLIFE:** *Mix only enough material which can be used in a two-hour period.* **NOTE:** *Once opened, this material cannot be resealed for later use.*

**POUR PART C INTO PART A** while mixing.

**CONTINUE TO MIX AND ADD PART B.**

**MIX FOR 3 MINUTES** using a Jiffy® mixer blade and slow speed drill. Pour into application tray.

**APPLY ECO-HTS 100** at the rate of 500 ft<sup>2</sup>/gallon (46.45 m<sup>2</sup>/L) with a 3/8" (10 mm) nap roller. For proper appearance and development of physical properties, it is crucial that material is not applied above or below this rate. Dip the roller in the coating and lightly roll out excess in the application tray. Apply two 8-10 foot (2.4-3.0 meters) long paths on the concrete, making one stroke left to right and one right to left. Rewet the roller and apply two more paths adjacent to the first pair. Rewet roller and apply a third pair adjacent to the second.

**SPREAD THE MATERIAL** evenly with V-shaped cross passes.

**MAKE SURE THE FLOOR HAS JUST ENOUGH COATING TO COVER EVENLY.** Excess material could cause the floor to blister, especially in high humidity. Insufficient material will cause the floor to look non-uniform.

**LEVEL THE AREA** with straight passes that cross the initial material paths. These final strokes will reduce roller marks. If the appearance is not satisfactory, reroll the area.

**REMIX THE MATERIAL** in the tray occasionally (with the roller) to prevent settling of the Part C (filler).

**NOTE:** *When multiple applicators are used to apply material, inconsistencies between areas may result. To ensure a more uniform finish, an individual outfitted with spike shoes may finish by pushing or pulling a roller across all applicator areas.*

**ALLOW COATING TO DRY 24 HOURS** at 75°F (24°C), 50% relative humidity before opening to light traffic. Allow more time at low temperatures, low humidity or for heavier traffic. Full coating properties take 14 days to develop.

## 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

**Allow floor coating to cure at least one week before cleaning by mechanical means (e.g., sweeper, scrubber, disc machine).**

**Care:** Proper maintenance will increase the life and help maintain the appearance of your new Tennant floor coating. Sweep and scrub your new coating regularly, as dirt and dust are abrasive and can quickly dull the finish, decreasing the life of your coating. Remove spills quickly as certain chemicals may stain and could possibly permanently damage the finish.

**Use soft nylon brushes or white pads on your new floor coating. Any brush more abrasive than a soft nylon or white pad can cause premature loss of gloss.**

**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).

**Caution:** Avoid scratching or gouging the surface. All floor coatings will scratch if heavy objects are dragged across the surface.

Do not drop heavy or pointed items on the floor as this may causing chipping or concrete popouts in the case of a weak cap. Rubber tires can permanently stain the floor coating from plasticizer migration. Plexiglass® between the tire and the floor coating can prevent discoloration.

Rubber burns from quick stops and starts can heat the coating to its softening temperature, causing permanent marking.

**Repair:** Repair gouges or scratches or chip outs as soon as possible to prevent moisture or chemical contamination.

## 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).