

Eco-DSS™ / Eco-DSS™ Cove

Decorative Stone Slurry / Decorative Stone Cove



DESCRIPTION – Eco-DSS is a three-part, UV-resistant, epoxy-based, decorative slurry. Used as the slurry layer in the Tennant Decorative Stone Slurry™ System, it offers a modern, stone-like appearance and is available in twelve beautiful color options. While it is recommended to use Eco-DSP™ as the primer, other Tennant epoxies may be used—contact Tennant Technical Support for guidance. This product should be topcoated with a Tennant urethane for desired finish, see the Tennant Decorative Stone Slurry System guide for more details.

- **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.
- **SEAMLESS** – Hygienic finish; no grout joints

ENVIRONMENTALLY & USER FRIENDLY

- Seals concrete, protecting against dirt and spills
- Cleans easily, saving detergent, labor and water
- Complies with SCAQMD VOC regulations-- <100 g/L.

PRIMARY APPLICATIONS

Pharmaceutical	Government Buildings
Medical Care Facilities	Detention / Public Safety Centers
Aviation – Terminals / Hangars	Universities / Schools

BENEFITS

Sleek, modern, stone-like appearance	Time-saving installation	Long life
Broad range of standard colors, custom color availability	Self-leveling system	Chemical resistance
Satin or high-gloss finish	Virtually invisible repair	

APPLICATION COVERAGE RATE

Coverage Rate, ft ² /kit [m ² /L]	90-120 [8.4-11.1]
Application Thickness, wet mils [mm]	60-80 [1.5-2.0]

MATERIAL PROPERTIES (LIQUID)

Property	Test Method	Results
Percent Solids, by wt [by vol]	ASTM D1475	A+B = 95.45 [94.56]
Volatile Organic Compound, VOC, lb/gal [g/L]	ASTM D3960	A+B+C = 0.18 [21]

CURED COATING PROPERTIES (DRY FILM) (without urethane topcoat)

Property	Test Method	Results
Abrasion Resistance, mg loss Taber Abraser, CS-17 Taber Abrasion Wheel, 1,000 gram load, 1,000 revolutions	ASTM D4060	83.1 (Independent Lab Test Result)
Coefficient of Friction – COF James Friction Tester	ASTM D2047	0.59-0.62
Compressive Strength, psi [MPa], resin only	ASTM D695	13,500 [93.079]
Tensile Strength, psi [MPa]	ASTM D2370	8,000 [55,158]
Percent Elongation	ASTM D2370	5
Shore D Hardness	ASTM D2240	80-85 @ 0 sec 75-80 @ 15 sec
Resistance to Yellowing	ASTM D2244*	<4 color change (CIE Lab ΔE) at 100 consecutive hours of UV exposure

*As measured using ASTM D2244 after UV exposure using ASTM G154 with UVA-351 lamps. Results are based on conditions at 77°F (25°C)

GENERAL PRODUCT INFORMATION

STORAGE:	Materials should be stored indoors between 65°F [18°C] and 90°F [32°C].
SHelf LIFE:	Six months from date of manufacture.
PACKAGING OPTIONS / PART NUMBERS:	Complete kits (A/B/C) of Eco-DSS & Eco-DSS Cove, consist of 3-gallons liquid resins (A/B) plus a 37.5 pound box of part C.
	<u>9021321 - Eco-DSS – Celestial Blue</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021218 (bag within box)
	<u>9021322 - Eco-DSS – Volcanic Ash</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021219 (bag within box)
	<u>9021323 - Eco-DSS – Smokey Walnut</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021220 (bag within box)
	<u>9021324 - Eco-DSS – Midnight Sky</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021221 (bag within box)
	<u>9021325 - Eco-DSS – Plum</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021222 (bag within box)
	<u>9021326 - Eco-DSS – Coastline</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021223 (bag within box)
	<u>9021327 - Eco-DSS – Geranium Red</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021224 (bag within box)
	<u>9021328 - Eco-DSS – Pacific Blue</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021225 (bag within box)
	<u>9021329 - Eco-DSS – Misty Gray</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021226 (bag within box)
	<u>9021330 - Eco-DSS – Frosted Pine</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021227 (bag within box)
	<u>9021331 - Eco-DSS – Sunshine</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021228 (bag within box)
	<u>9021332 - Eco-DSS – Sunset Sky</u> A = 2.0 gallons (7.56 litres) / 9021216 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pounds / 9021229 (bag within box)
	<u>9021333 - Eco-DSS Cove – Celestial Blue</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021218 (bag within box)
	<u>9021334 - Eco-DSS Cove – Volcanic Ash</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021219 (bag within box)
	<u>9021335 - Eco-DSS Cove – Smokey Walnut</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021220 (bag within box)
	<u>9021336 - Eco-DSS Cove – Midnight Sky</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021221 (bag within box)
	<u>9021337 - Eco-DSS Cove – Plum</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021222 (bag within box)
	<u>9021338 - Eco-DSS Cove – Coastline</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021223 (bag within box)
	<u>9021339 - Eco-DSS Cove – Geranium Red</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021224 (bag within box)
	<u>9021340 - Eco-DSS Cove – Pacific Blue</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021225 (bag within box)
	<u>9021341 - Eco-DSS Cove – Misty Gray</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021226 (bag within box)
	<u>9021342 - Eco-DSS Cove – Frosted Pine</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021227 (bag within box)
	<u>9021343 - Eco-DSS Cove – Sunshine</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021228 (bag within box)
	<u>9021344 - Eco-DSS Cove – Sunset Sky</u> A = 2.0 gallons (7.56 litres) / 9021238 (6.5-gallon pail) B = 1.0 gallon (3.78 litres) / 9021217 (1-gallon can) C = 37.5 pound box / 9021229 (bag within box)

OPTIONS: **Colors:** Custom colors are available.

Cove: A seamless, smooth transition can be created between the flooring and wall using Eco-DSS Cove.

LIMITATIONS: *Contamination (Fisheyes):* Product may fisheye if oil, silicones, mold release agents or other contaminants are present.

CHEMICAL RESISTANCE PROPERTIES

Eco-DSS		1 Day	7 Days	Eco-DSS		1 Day	7 Days
Acids, Inorganic			Solvents (Aromatic)				
10% Hydrochloric Acid	E	E	Xylene				
30% Hydrochloric Acid (Muriatic)	E	G	Solvents (Chlorinated)				
10% Nitric Acid	E	G	Methylene Chloride				
50% Phosphoric Acid	F	G	Solvents (Ketones & Esters)				
37% Sulfuric Acid (Battery Acid)	G	G	Methyl Ethyl Ketone (MEK)				
Acids, Organic			Propylene Glycol Methyl Ether Acetate (PMA)				
10% Acetic Acid	G	F	Miscellaneous Chemicals				
10% Citric Acid	G	G	20% Ammonium Nitrate				
Oleic Acid	G	F	Brake Fluid				
Alkalies			Bleach				
10% Ammonium Hydroxide	E	E	Motor Oil (SAE 30)				
50% Sodium Hydroxide	E	E	Skydrol® 500B				
Solvents (Alcohols)			Skydrol® LD4				
Ethylene Glycol (Antifreeze)	E	G	20% Sodium Chloride				
Isopropyl Alcohol	F	P	1% Tide® Laundry Soap				
Methanol	F	F	10% Trisodium Phosphate				
Solvents (Aliphatic)							
d-Limonene	G	G					
Jet Fuel - JP-4	E	E					
Gasoline	G	G					
Mineral Spirits	E	E	Registered trademarks: Tide® of Proctor and Gamble and Skydrol® of Solutia, Inc.				

ASTM D1308 Test Method 3.1.1 spot test, covered. Results are based on 1-day and 7-day. 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.*

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

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.

BARE CONCRETE

CHECK THE CONCRETE: Concrete must be structurally sound and free of curing membrane, paint and/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, 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 moisture 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. Additional testing may be necessary to determine the vapor barrier and any contamination.

APPLICATION EQUIPMENT

<ul style="list-style-type: none"> Protective clothing Slow speed drill (500 rpm or less) Jiffy® mixer - Manufacturer Part No.: PS-1 Blade (5 gal) 	<ul style="list-style-type: none"> Scissors Spiked shoes 3/8-inch, 24" V-notched steel rake head (Kraft® Double-Notch Rake, part number GG595) or 1/2-inch V-notched hand trowel
<ul style="list-style-type: none"> 7/16" Plastic, Porcupine Roller (minimum) Roller Assembly 	<ul style="list-style-type: none"> 80 grit sandpaper 100 grit sandpaper

For optional Eco-DSS Cove:

• Chalk line	• Duct tape
• Paint brushes	• 4" (106.6 mm) Roller frame w/covers
• Coving trowel (2-inches taller than the cove height being installed)	• 12" Drywall Knife
• Bucket mortar mixer	

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.)

USE OVER EXISTING COATINGS

Examine the existing coating to ensure it is well-bonded to the concrete. Any loose coating must be completely removed. Edges should be sanded to a feathered edge. Clean the entire floor thoroughly with detergent cleaner. The surface must be free of all dirt, oils, or other contaminants. After the floor has completely dried, sand the existing coating until a powdery residue is evident and all gloss is removed. Sweep or vacuum clean, and wipe with xylene to ensure good adhesion of the new system. **NOTE:** *When applying Eco-DSS over existing coatings, a test patch is recommended to evaluate compatibility.* **NOTE:** *Existing coating color needs to be consistent across application area. Color variation of floor may show through if not consistent.*

BARE CONCRETE APPLICATION

ECO-DSS MUST BE APPLIED OVER ECO-DSP™ or other Tennant epoxies. (See appropriate product bulletin for application instructions.) Prior to application of Eco-DSS, once primer has cured, lightly sand with 80-100 grit sandpaper to remove any protrusions. Scrub with detergent and rinse with clean water before coating and tack rag to remove fine dust.

APPLICATION – ECO-DSS – DECORATIVE STONE SLURRY

COVERAGE RATE: Coverage rate will depend upon application thickness. A one kit mix (4.5-gallons mixed material) will nominally cover (finished floor):

120 ft²/kit (11.1 m²) @ 60 mils (1.5 mm)

105 ft²/kit (9.8 m²) @ 70 mils (1.8 mm)

90 ft²/kit (8.4 m²) @ 80 mils (2.0 mm)

PREMIX THE TWO GALLONS OF ECO-DSS PART A FOR 2 MINUTES using a Jiffy® mixer (PS-1 Blade) and slow speed drill. **NOTE:** *Do not use a larger blade, which can entrap air into the blended material, causing micro-bubbles to form on the surface of the cured system.*

ADD THE ONE GALLON OF ECO-DSS / ECO-DSS COVE B TO PART A (3 GALLONS / 11.34 LITRES TOTAL MIX). **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.*

APPROXIMATE WORK TIME (minutes) - °F (°C): 65 (18.3) 70 (21.1) 75 (23.9) 80 (26.7) 90 (32.2)
40 30 25 20 15

MIX FOR 2 MINUTES using a Jiffy® mixer (PS-1 Blade) and slow speed drill. (Failure to do so could result in lower/diminished coating properties.)

WHILE CONTINUING TO MIX, SLOWLY ADD ECO-DSS / ECO-DSS COVE PART C. For efficient pouring, simply cut off a corner of the Part C bag with a pair of scissors. Mix until all 37.5 lbs. of Part C filler have been emptied into the container.

CONTINUE MIXING FOR AN ADDITIONAL 3 MINUTES after all of the Part C filler has been added. Pail will contain approximately 4.5 gallons of mixed material. **NOTE:** *Move mixing blade throughout the container to ensure complete blending of filler. Do not whip air into the mixture. A vacuum set up next to the mix bucket will help with airborne particles from Part C.*

IMMEDIATELY POUR ALL OF THE MIXED MATERIAL onto the floor in a single bead. Scrape sides of container.

USING AN 18-INCH WIDE, 3/8-INCH V-NOTCHED STEEL RAKE HEAD (Kraft® Double-Notch Rake, part number GG595, is recommended) or a 1/2-inch V-notched hand trowel held at a 33-45 degree angle, apply material over desired area. Push the material out to edges and corners. Draw the material down the floor using smooth, straight strokes.

USE HAND TROWELS to finish along edges and drains.

NOTE: *Allow product to self-level for at least 5 minutes before porcupine rolling. Use a minimum 7/16" plastic, porcupine roller to smooth and level the Eco-DSS. Material must be rolled (back and forth over a given area) with a porcupine roller in order to release entrained air. NOTE: The use of spiked shoes will allow freedom of movement on the wet floor. CAUTION: The surface will be slippery. NOTE: Avoid sliding in the wet Eco-DSS surface while wearing spiked shoes, as this will create a void. To repair wet surface imperfections, gently slide a marginal trowel across the marks caused by the spikes and then backroll with the porcupine roller.*

LAY ABUTTING EDGES WITHIN 10 MINUTES to ensure a clean edge. A "wet edge" installation is imperative during large placements to avoid lines and ridges in the finished floor.

ALLOW ECO-DSS TO HARD CURE.

APPROXIMATE CURE TIME (hours) - °F (°C): 65 (18.3) 70 (21.1) 75 (23.9) 80 (26.7) 90 (32.2)
24 20 16 12 8

APPLICATION – OPTIONAL COVE – ECO-DSS COVE

NOTE: Cove installation is done after the floor installation and before the topcoat. The clear topcoat will be applied to both the floor and the cove at the same time.

NOTE: Substrate should be dry, sound and clean. Extremely porous surfaces (i.e., cinder block) will require a primer. Painted/Smooth surfaces should be scuffed prior to application. A coving strip **SHOULD NOT** be used, as it will show through. Instead, use tape to create the top edge of the cove. The tape can be removed after the cove has been installed.

TOOLS: Use a coving trowel that is 2-inches taller than the cove height being installed.

COVING TROWEL PREPARATION: Using duct tape, wrap the top edge of the coving trowel with a minimum of 8 layers of duct tape. This will produce a lip to hold the coving trowel off the wall roughly 40-80 mils.

Hold trowel against wall and measure how far out the radius ends from the wall. Using this measurement, drop a tape line along the floor, parallel to the wall. This will act as a stopping point for the bottom of the cove.

Tape from the top (wall) and bottom (floor) will be removed after the cove is installed. This will leave a feather-edged transition on the floor and a 40-80 mils protrusion on top. The top edge can be sanded to remove any imperfections and then caulked to leave a nicely finished edge. The bottom edge can be lightly sanded to create a nearly invisible transition from cove to floor.

COVERAGE RATE: The cove mix below typically covers 225 lineal feet (68.6 meters) at a height of 4 inches (10.2 mm). The coverage of the Eco-DSS Cove could vary depending on its thickness (cove shape).

APPLICATION – COVE – ECO- DSS COVE

PREMIX THE TWO GALLONS ECO-DSS COVE PART A FOR 2 MINUTES using a Jiffy® mixer (PS-1 Blade) and slow speed drill. **NOTE:** Do not use a larger blade, which can entrap air into the blended material, causing micro-bubbles to form on the surface of the cured system.

ADD THE ONE GALLON OF ECO-DSS / ECO-DSS COVE B TO PART A (3 GALLONS / 11.34 LITRES TOTAL MIX).
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.

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

65 (18.3)	70 (21.1)	75 (23.9)	80 (26.7)	90 (32.2)
40	30	25	20	15

MIX FOR 2 MINUTES using a Jiffy® mixer (PS-1 Blade) and slow speed drill. (Failure to do so could result in lower/diminished coating properties.)

WHILE CONTINUING TO MIX--USING THE BUCKET MORTAR MIXER, SLOWLY ADD ECO-DSS / ECO-DSS COVE C. Mix until all 37.5 lbs. of Part C filler have been emptied into the container.

CONTINUE MIXING FOR AN ADDITIONAL 3 MINUTES after all of the Part C filler has been added. Pail will contain approximately 4.5 gallons of mixed material. **NOTE:** Move mixing blade throughout the container to ensure complete blending of filler. Do not whip air into the mixture.

IMMEDIATELY START TO HANG THE BLENDED ECO-DSS COVE MATERIAL, using a 12" drywall knife to rough out the cove form, start from the floor and finish at the top edge. Pot Life on the mixed cove materials is 30 minutes, and in some conditions, may be up to an hour.

USING THE PROPERLY PREPARED COVING TROWEL, strike the pre-hung coving material. **NOTE:** The Eco-DSS Cove material is applied using a slightly different technique than when installing a typical "built" cove, where the installer compresses the material to create the desired shape. The Eco-DSS Cove should be handled more like a caulk. It is to be smoothed with the coving trowel, not compressed.

AFTER THE FIRST STRIKE, clean the trowel and apply solvent to the trowel. Take the solvent-lubricated trowel and smoothen the cove.

WHEN COMPLETE, remove tape lines from the top and bottom of the cove.

NOTE: The cove should be topcoated at the same time as the floor.

AFTER COVE HAS CURED HARD, lightly sand cove by hand to remove any imperfections. A palm sander may be used. Carefully vacuum, followed by a tack rag, to ensure all residue is removed.

APPLICATION OF ADDITIONAL COATINGS

Eco-DSS / Eco-DSS Cove should be topcoated with a urethane topcoat.

SANDING REQUIRED

Eco-DSS must be thoroughly sanded if before applying urethane topcoat (see chart below).

APPROXIMATE SAND TIME (hours) - °F (°C):

65 (18.3)	70 (21.1)	75 (23.9)	80 (26.7)	90 (32.2)
24	20	16	12	8

Use 80 grit sandpaper except for Eco-HPS 100—use 100 grit sandpaper. The use of more aggressive paper will introduce deep grooves that will not be covered by a single, thin coat of urethane; swirl marks will be particularly evident if the topcoat is glossy. We recommend thorough sanding with a swing-type buffer so that multiple scratch marks cause an obvious gloss loss on all areas (depressions will remain shiny), and the floor is uniformly dulled. The ability to see individual scratch marks is an indication that sanding is not adequate. Scrub with detergent and rinse with clean water before coating and tack rag to remove fine dust.

REPAIRING MINOR TENNANT STONE SLURRY SURFACE DAMAGE

IDENTIFY THE DAMAGED SPOT. Tape off the surrounding area to protect it.

REMOVE DAMAGED MATERIAL using a router with a straight carbide-tipped bit.

VACUUM THE ROUTED AREA, followed by a clean tack rag.

USING ECO-DSS / ECO-DSS COVE PART C, dust the perimeter of the area to be repaired.

MIX ECO-DSS PART A AND ECO-DSS/ECO-DSS COVE PART B at a 2:1 ratio for 3 minutes. For every 1 ounce of blended Eco-DSS Part A and B liquid, add 44.3 grams of Eco-DSS / Eco-DSS Cove Part C powder. Mix for an additional 2 minutes.

POUR THE BLENDED, three-component Eco-DSS mixture into the area to be repaired.

STRIKE THE AREA USING A 1/8" V-NOTCHED TROWEL, held at a 10-20 degree angle, to remove excess material. Wipe the surrounding area clean, as required.

ALLOW TO CURE OVERNIGHT and lightly sand the next day to level area if needed.

APPLY TOPCOAT TO THE REPAIRED AREA and carefully feather edges into the surrounding surface.

NOTE: *There is no limit on how many times an area can be repaired.*

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 cause 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. Please contact the Tennant Coatings Technical Support team for additional questions at 800-228-4943, option 3 (US & Canada), 800-832-8935 (International).