PART 1 - GENERAL

1.1 GENERAL PROVISIONS

A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications.

1.2 DESCRIPTION OF WORK

A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following:
1. Resilient tile flooring for commercial traffic.
2. Resilient plank flooring for commercial traffic with pre-applied adhesive.
3. Resilient sheet flooring for commercial traffic.
4. Resilient sheet flooring for commercial traffic with pre-applied adhesive.
5. Resilient tile flooring for special fire requirements.
6. Resilient tile flooring for extra heavy traffic, ice skate, and golf spike resistant.
7. Resilient tile flooring for pre-installed raised access flooring, or releasable application.
8. Resilient tile flooring for electrostatic dissipative protection.
9. Resilient sheet flooring for electrostatic dissipative protection.
10. Resilient stair treads (one-piece nosing, tread and riser).
11. Resilient stair accessories.
12. Resilient wall base, sanitary base, and accessories.

B. Related Work: The following items are not included in this Section and are specified under the designated Sections:
1. Section 033000 CAST-IN-PLACE CONCRETE for concrete substrate; slab surface tolerances; vapor retarder for applications on or below grade; requirement for 83/90 degree riser and tread edge angle for stair tread and nosings.
2. Section 055100 METAL STAIRS AND RAILINGS; requirement for 83/90 degree riser and tread edge angle for stair tread and nosings.
3. Section 061000 ROUGH CARPENTRY for plywood substrate and surface tolerances.
4. Section 096900 ACCESS FLOORING for resilient floor covering for access panels.

C. References (Industry Standards):
1. American Association of Textile Chemists and Colorists (AATCC):
   a. AATCC 134 Electrostatic Propensity of Carpets
   a. ANSI ESD S97.2 Floor Materials and Footwear – Voltage Measurement on a Person
3. ASTM International (ASTM):
   b. ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers – Tension
   c. ASTM D2047 Standard Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine
d. ASTM D2240 Standard Test Method for Rubber Property – Durometer Hardness

e. ASTM D3389 Standard Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform, Double Head Abrader)

f. ASTM D6499 Standard Test Method for the Immunological Measurement of Antigenic Protein in Natural Rubber and its Products

g. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials


i. ASTM E662 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials

j. ASTM E1745 Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs

k. ASTM E2179 Standard Test Method for Laboratory Measurement of the Effectiveness of Floor Coverings in Reducing Impact Sound Transmission Through Concrete Floors

l. ASTM E2180 Standard Test Method for Determining the Activity of Incorporated Antimicrobial Agent(s) in Polymeric or Hydrophobic Materials

m. ASTM F150 Standard Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring

n. ASTM F155 Method of Test for Temper of Strip and Sheet Metals for Electronic Devices

o. ASTM F386 Standard Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces

p. ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring

q. ASTM F925 Standard Test Method for Resistance to Chemicals of Resilient Flooring

r. ASTM F970 Standard Test Method for Static Load Limit

s. ASTM F1344 Standard Specification for Rubber Floor Tile

t. ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring


w. ASTM F1859 Standard Specification for Rubber Sheet Floor Covering Without Backing

x. ASTM F1860 Standard Specification for Rubber Sheet Floor Covering With Backing

y. ASTM F1861 Standard Specification for Resilient Wall Base

z. ASTM F2055 Standard Test Method for Size and Squareness of Resilient Floor Tile by Dial Gage Method

aa. ASTM F2169 Standard Specification for Resilient Stair Treads

bb. ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes

cc. ASTM F2199 Standard Test Method for Determining Dimensional Stability of Resilient Floor Tile after Exposure to Heat

dd. ASTM F3010 Standard Practice for Two-Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings

ee. ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

4. European Norm (FTM):
a. FTM 101 C 4046 Static Decay

5. International Organization for Standardization (ISO):
a. ISO 140 Measurement of sound insulation in buildings and of building elements


b. NFPA 258 Test Method for Specific Density of Smoke Generated by Solid Materials
1.3 SUBMITTALS

A. Product Data: Submit manufacturer's product data, installation guide and maintenance guide for each material and accessory proposed for use.

B. Samples: Submit three representative samples of each product specified for verification.

1.4 QUALITY ASSURANCE

A. Manufacturer Qualifications: Provide resilient flooring manufactured by a firm with a minimum of 10 years' experience with resilient flooring of type equivalent to those specified.
   1. Manufacturer’s quality management system must have ISO 9001:2000 approval.
   2. Provide resilient flooring products, including wall base, accessories and subfloor preparation products from one manufacturer to ensure color matching and compatibility.
   3. Manufacturer shall be capable of providing technical training and technical field service representation.

B. Installer Qualifications: Acceptable to manufacturer of resilient flooring or INSTALL (International Standards & Training Alliance) resilient certified for the requirements of the project.

C. Sustainable Design Requirements:
   2. Construction waste take back program for the purpose of reducing jobsite waste by taking back uninstalled waste flooring. Details of the nora® program are available at www.nora.com/us.
   3. Flooring surfaces that are easily cleaned and do not require coatings and stripping, or use chemicals that may be hazardous to human health.
   4. Supply all required products that are CA 01350 compliant.
   5. Flooring that is free of materials known to be teratogenic, mutagenic or carcinogenic.
   6. Flooring that contains no polyvinyl chloride or plasticizers.
   7. Flooring that contains no halogens.
   8. Flooring that contains no asbestos.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in labeled packages. Store and handle in strict compliance with manufacturer’s recommendations. Protect from damage due to weather, excessive temperatures, and construction operations.

B. Deliver materials sufficiently in advance of installation to condition materials to the required temperature for 48-hours prior to installation.

1.6 PROJECT CONDITIONS

A. The installation area must be fully enclosed, weather tight, and climate controlled between 63°F and 75°F and 40% to 60% ambient relative humidity (RH) for at least 48 hours prior, during and 72 hours after installation (do not use gas fueled blowers). Dew point must be avoided. The substrate must be at least 5°F above dew point to be considered acceptable.

1.7 WARRANTY

A. Provide manufacturer’s standard limited warranty for wear, defect, bond and conductivity.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

A. Basis-of-Design: nora systems, Inc., 9 Northeastern Blvd., Salem, NH 03079; telephone 800-332-NORA or 603-894-1021; fax 603-894-6615.
2.2 RESILIENT STAIRTREADS (ONE-PIECE NOSING TREAD AND RISER)

A. Rubber Stair Treads:

1. **Product Name:** norament® grano staiitreads, Articles 479 (4 foot), 468 (5 foot) and 469 (6 foot) (visually impaired strips available)
2. **ASTM Specification:**
   - ASTM F2169 Standard Specification for Resilient Stair Treads
   - Type TS, Class 2, can be Group 1 and/or 2 and Grade 2
3. **Limited Wear Warranty:** 10 years
4. **Material:** nora® vulcanized rubber compound 926 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury
5. **Composition:** Homogeneous rubber compound with a random scattered design
6. **Color:** 12 standard colors
7. **Surface:** Hammered and smooth
8. **Back of Stair Tread:** Double-sanded smooth
9. **Material Dimensions (ASTM F2169):**
   - **Length:** 50.59 inches (1285mm), 63.54 inches (1614mm) and 78.89 inches (2004mm)
   - **Depth:** 19.88 inches (505mm)
   - **Height:** 1.77 inches (45mm)
   - **Thickness:** 0.20 inches (5.0mm)
10. **Flammability (E648/NFPA 253):** NBSIR 75 950, 1.0
11. **Smoke Density (ASTM E662/NFPA 258):** NBS, 334 (flaming) and 168 (non-flaming)
12. **CAN/ULC-S102.2:** Surface Burning, FSC1 of 70 and SD of 470
13. **Burn Resistance:** Resistant to cigarette and solder burns
14. **Slip Resistance (ASTM D2047):**
    - **≥ 0.5 is required**
    - Static coefficient of friction, Neolite dry 0.99, Neolite wet 0.95
15. **Bacteria Resistance (ASTM E2180/ASTM G21):** Resistant to bacteria, fungi, and micro-organism activity
16. **VOC’s:** This flooring is GREENGUARD Gold Certified for Low VOC Emissions, Blue Angel Certified and CA 01350 compliant
17. **Latex Allergies (ASTM D6499):** Inhibition Elisa, results are below detection level
18. **Hardness (ASTM D2240):**
    - **≥ 70 is required**
    - Shore type “A”, 82
19. **Static Load (ASTM F970):**
    - **≤ 0.005 inches with 250 lbs. is required**
    - Residual compression of 0.005 inches with 800 lbs.
20. **Abrasion Resistance (ASTM D3389):**
    - **≤ 0.035 oz. (1.0g) is required**
    - 1.1 lbs. (500g) load on H-18 wheel with 1000 cycles, 0.002 oz. (0.05g) weight loss
21. **Oil & Grease Resistance:** Yes
22. **Heat Resistance (ASTM F1514):**
    - **Avg. ΔE ≤ 8.0 is required**
    - Easily achieved with all batches and regular maintenance
23. **Static Generation (AATCC 134):**
    - **< 2000 Volts at 20% RH**
24. **Cleaning:** Cleaned and maintained effectively using water, nora® pads
and a suitable cleaning machine, without the use of any factory and/or field-applied coatings. Also without using any chemicals that may be hazardous or containing any teratogenic, mutagenic or any other ingredients known to be carcinogenic. Refer to nora maintenance guides for product specific details.

25. Shine: Higher shine achieved by buffing without any artificial topical applied coatings.

26. Stain Removal: Samples of the product must be provided for stain removal testing by the owner. Sample size must be 24 inches by 24 inches, pre-cleaned by manufacture per published recommendations. Samples must have no coatings, sealers, floor finish or other manually or mechanically applied finish on the surface of the product. Stain testing must consist of application of common healthcare related disinfectants and chemicals to include, but not limited to, Betadine, Methylene Blue, Silver Nitrate and alcohol based hand sanitizer. Duration of test period must be no less than one week. Removal of chemicals must be in accordance with manufacturers published cleaning and maintenance recommendations.

27. Substrate Preparation: Per ASTM F710 and the nora® Installation Guide

B. Rubber Stair Treads:

1. Product Name: norament® hammered stair treads, Articles 479 (4 foot), 468 (5 foot) and 469 (6 foot) (visually impaired strips available)

2. ASTM Specification: Type TS, Class 2, can be Group 1 and/or 2 and Grade 1

3. Limited Wear Warranty: 10 years

4. Material: nora® vulcanized rubber compound 926 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury

5. Composition: Homogeneous

6. Color: 5 standard colors

7. Surface: Hammered and smooth

8. Back of Stair Tread: Double-sanded smooth


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<td>Thickness</td>
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10. Flammability (E648/NFPA 253): NBSIR 75 950, 1.1

11. Smoke Density (ASTM E662/NFPA 258): NBS, 380 (flaming) and 230 (non-flaming)

12. Burn Resistance: Resistant to cigarette and solder burns
\[ \geq 0.5 \] is required
Static coefficient of friction, Neolite dry 0.99, Neolite wet 0.95

Resistant to bacteria, fungi, and micro-organism activity

15. VOC's:
This flooring is GREENGUARD Gold Certified for Low VOC Emissions and CA 01350 compliant

16. Latex Allergies (ASTM D6499):
Inhibition Elisa, results are below detection level

17. Hardness (ASTM D2240):
\[ \geq 70 \] is required
Shore type "A", 82 achieved

18. Static Load (ASTM F970):
\[ \leq 0.005 \text{ inches with 250 lbs. is required} \]
Residual compression of 0.005 inches with 800 lbs.

19. Abrasion Resistance (ASTM D3389):
\[ \leq 0.035 \text{ oz. (1.0g) is required} \]
1.1 lbs. (500g) load on H-18 wheel with 1000 cycles, 0.006 oz. (0.16g) weight loss

20. Oil & Grease Resistance:
No

Avg. \[ \Delta E \leq 8.0 \] is required
Easily achieved with all batches and regular maintenance

22. Static Generation (AATCC 134):
\[ < 2000 \text{ Volts at 20\% RH} \]
< 2000 Volts at 20% RH

23. Cleaning:
Cleaned and maintained effectively using water, noran® pads and a suitable cleaning machine, without the use of any factory and/or field-applied coatings. Also without using any chemicals that may be hazardous or containing any teratogenic, mutagenic or any other ingredients known to be carcinogenic. Refer to noran maintenance guides for product specific details.

24. Shine:
Higher shine achieved by buffing without any artificial topical applied coatings.

25. Stain Removal:
Samples of the product must be provided for stain removal testing by the owner. Sample size must be 24 inches by 24 inches, pre-cleaned by manufacture per published recommendations. Samples must have no coatings, sealers, floor finish or other manually or mechanically applied finish on the surface of the product. Stain testing must consist of application of common healthcare related disinfectants and chemicals to include, but not limited to, Betadine, Methylene Blue, Silver Nitrate and alcohol based hand sanitizer. Duration of test period must be no less than one week. Removal of chemicals must be in accordance with manufacturer's published cleaning and maintenance recommendations.

26. Substrate Preparation:

C. Rubber Stair Treads:
1. Product Name:
norament® round staiertreads, Articles 465 (4 foot), 466 (5 foot) and 467 (6 foot) (visually impaired strips available)

2. ASTM Specification:
ASTM F2169 Standard Specification for Resilient Stair Treads

3. Limited Wear Warranty:
10 years

4. Material:
noran® vulcanized rubber compound 926 with environmentally compatible color pigments that are free of toxic heavy metals
5. Composition: Homogeneous
6. Color: 16 standard colors
7. Surface: Round and smooth
8. Back of Stair Tread: Double-sanded smooth
   - Length: 50.59 inches (1285mm), 63.54 inches (1614mm) and 78.89 inches (2004mm)
   - Depth: 19.88 inches (505mm)
   - Height: 1.77 inches (45mm)
   - Thickness: 0.18 inches (4.5mm)
10. Flammability (E648/NFPA 253): ≥ 0.45 watts/sq. cm for Class 1 is required
11. Smoke Density (ASTM E662/NFPA 258): < 450 is required
12. Burn Resistance: Resistant to cigarette and solder burns
13. Slip Resistance (ASTM D2047): ≥ 0.5 is required
   Static coefficient of friction, Neolite dry 0.85, Neolite wet 0.76
15. VOC’s: This flooring is GREENGUARD Gold Certified for Low VOC Emissions and CA 01350 compliant
16. Latex Allergies (ASTM D6499): Inhibition Elisa, results are below detection level
17. Hardness (ASTM D2240): ≥ 70 is required is required
   Shore type “A”, 82
18. Static Load (ASTM F970): ≤ 0.005 inches with 250 lbs. is required
19. Abrasion Resistance (ASTM D3389): ≤ 0.035 oz. (1.0g) is required
   Abrasion Resistance: ASTM D3389, 1.1 lbs. (500g) load on H-18 wheel with 1000 cycles, 0.005 oz. (0.14g) weight loss achieved, ≤ 0.035 oz. (1.0g) is required
20. Oil & Grease Resistance: No
21. Heat Resistance (ASTM F1514): Easily achieved with all batches and regular maintenance
   Avg. ∆E ≤ 8.0 is required
22. Static Generation (AATCC 134): < 2000 Volts at 20% RH
23. Cleaning: Cleaned and maintained effectively using water, nora® pads and a suitable cleaning machine, without the use of any factory and/or field-applied coatings. Also without using any chemicals that may be hazardous or containing any teratogenic, mutagenic or any other ingredients known to be carcinogenic. Refer to nora maintenance guides for product specific details.
24. Shine: Higher shine achieved by buffing without any artificial topical applied coatings.
25. Stain Removal: Samples of the product must be provided for stain removal testing by the owner. Sample size must be 24 inches by 24 inches, pre-cleaned by manufacture per published recommendations. Samples must have no coatings, sealers,
floor finish or other manually or mechanically applied finish on the surface of the product. Stain testing must consist of application of common healthcare related disinfectants and chemicals to include, but not limited to, Betadine, Methylene Blue, Silver Nitrate and alcohol based hand sanitizer. Duration of test period must be no less than one week. Removal of chemicals must be in accordance with manufacturers published cleaning and maintenance recommendations.

26. Substrate Preparation:

   Per ASTM F710 and the nora® Installation Guide

D. Rubber Stair Treads:

1. Product Name:

   norament® satura staiitreadst, Articles 479 (4 foot), 468 (5 foot) and 469 (6 foot) (visually impaired strips available)

2. ASTM Specification:

   ASTM F2169 Standard Specification for Resilient Stair Treads

3. Limited Wear Warranty:

   10 years

4. Material:

   nora® vulcanized rubber compound 926 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury

5. Composition:

   Homogeneous rubber compound with a random scattered design

6. Color:

   12 standard colors

7. Surface:

   Hammered and smooth

8. Back of Stair Tread:

   Double-sanded smooth


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<td>1.77 inches (45mm)</td>
<td>0.20 inches (5.0mm)</td>
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10. Flammability (E648/NFPA 253):

    ≥ 0.45 watts/sq. cm for Class 1 is required


    < 450 is required

12. CAN/ULC-S102.2:

    Surface Burning, FSC1 of 70 and SD of 470

13. Burn Resistance:

    Resistant to cigarette and solder burns


    ≥ 0.5 is required


    Resistant to bacteria, fungi, and micro-organism activity

16. VOC’s:

    This flooring is GREENGUARD Gold Certified for Low VOC Emissions, Blue Angel Certified and CA 01350 compliant

17. Latex Allergies (ASTM D6499):

    Inhibition Elisa, results are below detection level

18. Hardness (ASTM D2240):

    ≥ 70 is required

19. Static Load (ASTM F970):

    Residual compression of 0.005 inches with 800 lbs.
20. Abrasion Resistance (ASTM D3389): \( \leq 0.005 \) inches with 250 lbs. is required

21. Oil & Grease Resistance:

\[ \text{Avg. } \Delta E \leq 8.0 \text{ is required} \]

23. Static Generation (AATCC 134):
\[ \leq 0.035 \text{ oz. (1.0g) is required} \]

24. Cleaning:

25. Shine:

26. Stain Removal:

27. Substrate Preparation:

E. Rubber Stair Treads (Egress):

1. Product Name:

2. ASTM Specification:

3. Limited Wear Warranty:

4. Material:

5. Composition:

6. Color:

7. Surface:

8. Back of Stair Tread:


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\begin{align*}
\text{Length} & \quad 50.59 \text{ inches (1285mm)} \\
\text{Depth} & \quad 19.68 \text{ inches (500mm)} \\
\text{Height} & \quad 1.77 \text{ inches (45mm)}
\end{align*}
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norament® 920 staiertreads, Article 465 (visually impaired strips available)

Type TS, Class 2, can be Group 1 and/or 2 and Grade 1

10 years

nora® vulcanized rubber compound 920 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury
10. **Flammability (E648/NFPA 253):**
   - ≥ 0.45 watts/sq. cm for Class 1 is required
   - NBSIR 75 950, 0.94

11. **Smoke Density (ASTM E662/NFPA 258):**
   - < 450 is required
   - NBS, 272 (flaming) and 167 (non-flaming)

12. **Tunnel Test (ASTM E84):**
   - Class A, Flame 15 – Smoke 300

13. **CAN/ULC-S102.2:**
   - Surface Burning, FSC1 of 5 and SD of 30

14. **Burn Resistance:**
   - Resistant to cigarette and solder burns

15. **Slip Resistance (ASTM D2047):**
   - ≥ 0.5 is required
   - Static coefficient of friction, Neolite dry 0.85, Neolite wet 0.76

16. **Bacteria Resistance (ASTM E2180/ASTM G21):**
   - Resistant to bacteria, fungi, and micro-organism activity

17. **VOC’s:**
   - This flooring is GREENGUARD Gold Certified for Low VOC Emissions and CA 01350 compliant

18. **Latex Allergies (ASTM D6499):**
   - Inhibition Elisa, results are below detection level

19. **Hardness (ASTM D2240):**
   - ≥ 70 is required
   - Shore type “A”, 91

20. **Static Load (ASTM F970):**
   - ≤ 0.005 inches with 250 lbs. is required
   - Residual compression of 0.005 inches with 800 lbs.

21. **Abrasion Resistance (ASTM D3389):**
   - ≤ 0.035 oz. (1.0g) is required
   - 1.1 lbs. (500g) load on H-18 wheel with 1000 cycles, 0.007 oz. (0.2g) weight loss

22. **Oil & Grease Resistance:**
   - No

23. **Heat Resistance (ASTM F1514):**
   - Avg. ΔE ≤ 8.0 is required
   - Easily achieved with all batches and regular maintenance

24. **Static Generation (AATCC 134/ANSI ESD S97.2):**
   - < 2000 Volts at 20% RH

25. **Cleaning:**
   - Cleaned and maintained effectively using water, nora® pads and a suitable cleaning machine, without the use of any factory and/or field-applied coatings. Also without using any chemicals that may be hazardous or containing any teratogenic, mutagenic or any other ingredients known to be carcinogenic. Refer to nora maintenance guides for product specific details.

26. **Shine:**
   - Higher shine achieved by buffing without any artificial topical applied coatings.

27. **Stain Removal:**
   - Samples of the product must be provided for stain removal testing by the owner. Sample size must be 24 inches by 24 inches, pre-cleaned by manufacture per published recommendations. Samples must have no coatings, sealers, floor finish or other manually or mechanically applied finish on the surface of the product. Stain testing must consist of application of common healthcare related disinfectants and chemicals to include, but not limited to, Betadine, Methylene Blue, Silver Nitrate and alcohol based hand sanitizer. Duration of test period must be no less than one week. Removal of chemicals must be in accordance with manufacturers published cleaning and maintenance recommendations.

28. **Substrate Preparation:**
   - Per ASTM F710 and the nora® Installation Guide
PART 3 - GENERAL

3.1 GENERAL CONTRACTOR RESPONSIBILITIES

A. Supply a safe, climate controlled building and subfloor as detailed in the nora Installation Guide (available at www.nora.com/us)

B. A subfloor that meets the requirements of ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring is required, or as detailed in the nora Installation Guide or nora® nTx Installation Guide as appropriate.

C. A secure storage area that is fully enclosed, weather tight, and climate controlled between 63°F and 75°F and 40% to 60% ambient relative humidity (RH) for at least 48-hours prior and during the installation, so the flooring contractor can acclimate all materials.

D. An installation area that is fully enclosed, weather tight, and climate controlled between 63°F and 75° and 40% to 60% ambient relative humidity (RH) for at least 48-hours prior, during, and 72-hours after installation (do not use gas fueled blowers). If this is not possible, contact the nora® Technical Department.

E. Areas with direct prolonged exposure to sunlight should be protected with the use of Low E glass doors, windows or facades that reduce the UV transmissions to less than 1%.

F. Areas of the flooring subjected to direct sunlight, for example through doors or windows, must be covered using blind, curtains, cardboard or similar materials for 24-hours before, during, and for a period of 72-hours after the installation to allow nora “wet” adhesives to cure. Do not allow traffic when using wet set adhesives for a minimum of 12-hours and prohibit rolling loads for 72-hours. When using nora® nTx or nora® dryfix 750, the flooring can be trafficked immediately with no restrictions. All flooring must be protected from damage during construction operations using Masonite, plywood or a similar product. Before laying the panels the flooring surface must be free of all debris. Lay panels so that they are edge to edge and tape the joints to prevent movement and debris entrapment. Inspect the flooring before covering and after removal for final acceptance.

G. Conduct post-installation cleaning after 72-hours for wet set adhesives. Conduct post-installation cleaning immediately for installations using nora dryfix 750 or nora nTx. Refer to the appropriate nora® Maintenance Guide for product specific details.

3.2 FLOORING CONTRACTOR RESPONSIBILITIES

A. Provide trained installers that have at least one of the following:
   1. Approved by nora systems, Inc. or INSTALL (International Standards & Training Alliance) certified for the requirements of the project.
   2. An effective installation manager to manage the project, installers, and ensure that all of the required procedures are followed as detailed in the nora Installation Guide (available at www.nora.com/us).

B. Follow all requirements in the appropriate nora Installation Guide or nora nTx Installation Guide.

END OF SECTION