



ARCHITECTURAL SPECIFICATIONS GUIDELINES

PART 1 GENERAL

1.01 THIS SECTION INCLUDES

- A. Flooring and accessories as shown on the drawings and schedules and as indicated by the requirements of this section.

1.02 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Contract (including General and Supplementary Conditions and Division 1 sections) apply to the work of this section.

1.03 RELATED SECTIONS

- A. Other Division 9 sections for floor finishes related to this section but not the work of this section.
- B. Division 3 Concrete; not the work of this section.
- C. Division 6 Wood and Plastics; not the work of this section.
- D. Division 7 Thermal and Moisture Protection; not the work of this section.

1.04 QUALITY ASSURANCE AND REGULATORY REQUIREMENTS

- A. Select an installer who is competent in the installation of Harbinger vinyl tile and plank flooring.
- B. If required, provide resilient flooring and accessories supplied by one manufacturer, including leveling and patching compounds, and adhesives.

1.05 SUBMITTALS

- A. Submit shop drawings, seaming plan, coving details, and manufacturer's technical data, installation and maintenance instructions for flooring and accessories.
- B. Submit the manufacturer's standard samples showing the required colors for flooring and applicable accessories.
- C. If required, submit the manufacturer's certification that the flooring has been tested by an independent laboratory and complies with the required fire tests.

1.06 ENVIRONMENTAL CONDITIONS

- A. Deliver materials in good condition to the job site in the manufacturer's original unopened containers that bear the name and brand of the manufacturer, project identification, and shipping and handling instructions.
- B. Store materials in a clean, dry, enclosed space off the ground, and protected from the weather and from extremes of heat and cold. Protect adhesives from freezing. Store flooring, adhesives and accessories in the spaces where they will be installed for at least 24 hours prior to installation.
- C. Maintain a constant temperature of 18C to 26C for a period of 24 hours prior to installation. This temperature should be maintained during installation, and for a 24 hour period after installation. Protect all materials from the direct flow of heat from hot-air registers, radiators, or other heating fixtures and appliances.
- D. Install flooring and accessories after the other finishing operations, including painting, have been completed. Close spaces to traffic during the installation of the flooring. Do not install flooring over concrete slabs until they are sufficiently dry to achieve a bond with the adhesive, in accordance with the manufacturer's recommended bond and moisture tests.

HARBINGER LUXURY VINYL FLOORING

PART 2 PRODUCTS

2.01 RESILIENT FLOORING MATERIALS

- A. Harbinger **(Enter series, SKU, and Product description)**
- B. Harbinger vinyl tiles installed next to each other shall be in consecutive lot numbers.

2.02 ADHESIVES

- A. For general use, Uzin KE 2000S Premium Universal Flooring Adhesive. Use Uzin KE 66 Premium Fiber-Reinforced wet set adhesive for applications where there is high degree of temperature fluctuation after installation, high traffic environments through rolling or point loading, direct sunlight and over radiant heat. KE 2000S is the only approved adhesive for The Quiet Zone (TQZ).
- B. Spread adhesive with the recommended notched trowel to assure sufficient adhesive coverage to achieve 95% to 100% transfer to the backing of the floor covering. Trowel sizes are a guideline and may vary depending on substrate and site conditions.

PART 3 EXECUTION

3.01 INSPECTION

- A. All supporting surfaces shall be structurally sound, solid, stable, level, plumb and true to a tolerance in plane of 1/4" in 10 feet (6 mm in 3 m) for floors. They shall be dry, clean and free of dust, oil, grease, paint, tar, wax, curing agent, primer, sealer, old adhesive or any deleterious substance and debris which may prevent or reduce adhesion.
- B. The supporting surfaces shall be dry. The moisture emission shall not exceed 85% IRH (internal relative humidity) for concrete. For wood subfloors the moisture content should meet the requirements of the wood manufacturer.
- C. In all cases, the structural design of floors shall not allow a deflection of more than L/360 of span under live or dead loads.
- D. Failure to call attention to defects or imperfections will be construed as acceptance and approval of the subfloor. Installation indicates acceptance of substrates with regard to conditions existing at the time of installation.

3.02 PREPARATION

- A. Smooth concrete surfaces, removing rough areas, projections, ridges, and bumps, and filling low spots, control or construction joints, and other defects as recommended by the flooring manufacturer.
- B. Remove paint, varnish, oils, release agents, sealers, and waxes. Remove residual adhesives as recommended by the flooring manufacturer. Remove curing and hardening compounds not compatible with the adhesives used, as indicated by a bond test or by the compound manufacturer's recommendations for flooring.
- C. Perform pH tests on concrete floors regardless of their age or grade level. All test results shall be documented and retained.
- D. Vacuum or broom-clean surfaces to be covered immediately before the application of flooring. Make subfloor free from dust, dirt, grease, and all foreign materials.
- E. Mechanically sand, bead blast or scarify the substrate to completely remove all paint, loosely bonded topping, loose particles, construction debris, old adhesive and any contaminant that may prevent or reduce adhesion.
- F. Remove any trace of strong acid or alkali from the substrate prior to the application of the surface product and/or the adhesive.

3.03 INSTALLATION

- A. Install flooring in strict accordance with the latest edition of "Harbinger Installation Guide".
- B. Do not proceed with floor surface installation until all applicable site work, including substrate preparation, painting, equipment installation and other relevant work by trades affecting the installation area has been completed.
- C. Install flooring with adhesives, tools, and procedures in strict accordance with the manufacturer's written instructions. Observe the recommended adhesive trowel notching, open times, and working times.

3.04 CLEANING AND PROTECTION

- A. Cleaning: Perform the cleaning operations in accordance to the latest edition of "Harbinger Maintenance Guide".
- B. Protection: Protect the installed flooring against damage from rolling loads, other trades, or the placement of fixtures and furnishings. Refer to "Harbinger Installation Guide" and "Harbinger Maintenance Guide".

END OF SECTION

These Architectural Specification Guidelines are intended for use by design and specification professionals as a template aid to specify and describe Harbinger products as part of the written Specifications component of Construction Contract Documents.

The data contained in this document is accurate as of the date of publication. Updates and revisions may have been made since this date. If verification is needed that this data is still current, please contact Harbinger at 1-866-646-6519 or info@harbingerfloors.com.