



6 EVERLAY

DISCLAIMER: Refer to page [4](#) of this document.

WARNING: If you have never worked with Everlay before, you must obtain proper training; do not attempt work without assistance from of a qualified Novaproducts installer.

WARNING: Everlay cannot be used in conjunction with Novaproducts commercial flooring.

WARNING: Everlay cannot be used in areas that will receive surface impacts, such as dumbbells and weight plates.

NOTE: Use of Everlay does not negate the responsibility for proper floor preparation.

NOTE: Vented cove base must be used with Everlay to allow for proper air flow/dissipation of moisture vapors.

6.1 SURFACE PREPARATION

6.1.1 GENERAL CONTRACTOR

- a) **All subfloors must be properly prepared to provide a satisfactory surface for the installation of all Novaproducts resilient flooring systems. Refer to Novaproducts's current Subfloor Preparation Guide for all requirements.**
- b) The General Contractor must provide a finished concrete subfloor ready to receive Mondo's resilient rubber flooring. Subfloors must be **smooth and level within a tolerance of 1/8" (3mm) in a 10' (3.05m) radius**. Novaproducts does not recognize the "F" numbers: FF = floor flatness, FL = floor levelness. Minor surface cracks or grooves must be filled with a good quality Portland cement based patching or leveling compound such as Mapei or Ardex. High spots, bumps and peaks must be repaired prior to installation.
- c) **New concrete subfloors must be allowed to cure a minimum of 28 days prior to installing Mondo flooring.** However, drying time is typically 4 weeks for every 1" thickness of slab (i.e. a 6" slab will take approximately 24 weeks to adequately dry).
- d) Flooring installation shall not commence until the building is enclosed and all other trades have completed their work.
- e) Maintain a stable room and subfloor temperature prior to installation (before performing moisture tests), during the installation and min. 48 hours after the installation. Recommended temperature range of 65°F to 86°F (18°C to 30°C). General recommended ambient humidity control level is between 35 to 55%.
- f) Concrete substrates must be fully cured and free of any hydrostatic and/or moisture problems. **Moisture tests must be performed on all concrete substrates, under in-service conditions.** It is recommended to turn on the HVAC unit to ensure stable conditions during testing and installation. **Moisture vapor emission content of the concrete slab must not exceed 12lbs/1,000ft² (5.44kg/93m²) in 24 hours when tested according to ASTM F1869 (anhydrous calcium chloride for moisture vapors from concrete).**



NOTE: Moisture tests will help confirm whether the slab is dry enough to proceed with the installation. It does not mean the slab will always remain dry. Never attempt a moisture test until the HVAC unit has been operational for at least 7 days and/or the site conditions (temperature and humidity) are constant in the building and reflective of in-service conditions.

NOVAPRODUCTS WILL NOT GUARANTEE THE ADHESION OF A NOVAPRODUCTS GLOBAL PRODUCT TO A SUBFLOOR WITH MOISTURE VAPOR EMISSIONS RATES EXCEEDING THE TOLERANCE OF THE EVERLAY UNDERLAYMENT, WHEN TESTED IN ACCORDANCE TO ASTM F1869.

6.1.2 FLOORING CONTRACTOR/SUBCONTRACTOR

- a) Before proceeding with any work, the substrate surface must be inspected and any visible defects on the surface such as cracks, bumps, rough areas or variations in levelness must be reported in writing to the Project Manager and the General Contractor.
- b) The Flooring Contractor/Subcontractor must verify moisture testing results to ensure they are within tolerance for the Everlay system specified. Refer to Mondo's Subfloor Preparation Guide for recommendations on moisture testing. The Flooring Contractor should keep records of all tests conducted.
- c) The underlayment will be glued down in limited areas, such as doorways, around columns and wherever a head seam of athletic flooring is located. In those areas, the subfloor's surface must be free of any paint, wax, oil, grease, sealer, curing compound, solvent or any other contaminants that may inhibit bond. Concrete surfaces that are powdery or scaly are not acceptable. **Novaproducts recommends the removal of contaminants by way of mechanical abatement, such as a light to medium shot-blasting (ICRI CSP #3 to #5 profile). NEVER use chemical abatement methods.** Ensure removal of contaminant was successful by performing a bond test, as described in Mondo's Subfloor Preparation Guide.
- d) Prior to beginning any installation of Novaproducts Globals products it is recommended that the entire room be vacuumed thoroughly to remove dust, loose dirt and debris. **DO NOT use sweeping compounds.** If desired, use damp sawdust to help with sweeping.
- e) Store sheet goods upright on a clean, dry, flat surface protected from all possible damage and exposure to harmful weather conditions.

6.2 GENERAL

Everlay is a prefabricated elastomeric underlayment sheet reinforced with fiberglass. It can be used with most Mondo athletic surfacing products and is for **indoor applications only**.

Everlay is the ideal solution where moderate moisture problems in the substrate prevent the use of a standard flooring adhesive. It allows the user a loose-laid flooring system by applying the Everlay over the substrate and then adhering flooring to the Everlay, essentially creating a floating floor system. The Everlay acts as a protective layer between the moisture vapors and the resilient flooring, reducing many moisture related problems such as warping, cracking, peeling, adhesion failures (bubbles), etc. In other cases, Everlay may be used to help stabilize a flooring system by minimizing telegraphing evidence of minor substrate movement (small cracks, expansion joints, etc.) and minor imperfections (slight residues on the substrate's surface). Regardless of the intended use, **vented cove base is required**. Consult Mondo's Technical Department for additional information.



6.3 INSTALLING VINYL UNDERLAYMENT

NOTE: While it may be glued in some small selected areas, Everlay is an underlayment meant for loose laid installations only.

- a) Do not install flooring system until all jobsite conditions and subfloor preparations are met and completed. Before starting any installation, verify the product for type, size, thickness, color, visual imperfections or color variations and notify the Novaproducts Technical Department of all apparent defects. **No claims will be accepted after the material has been installed.**
- b) Allow all materials to acclimate to site temperature prior to their use and installation.
- c) Once the above steps have been completed, proceed to square the room and make the first chalk line down the center of the room parallel to the length of the room.
- d) Unroll material in the same direction. Allow the underlayment to relax overnight (12 hours minimum or longer if needed). Colder facility temperatures may necessitate longer relaxation time; adjust as needed.
- e) Dry lay and “cut to fit” all material to be installed on a given day, prior to any adhesion. This includes all perimeters, columns, doorways, etc., that are contained within the space. When cutting Everlay, leave a minimum of 1” (2.5cm) space around perimeters, columns, etc., to allow for air circulation. **Vented cove base must be used with the Everlay system.**

NOTE: Wherever there will be a head seam in the athletic surfacing, the Everlay must be glued down to the subfloor, about 12” (30.5cm) wide, in order to help prevent any peaking of the flooring above. Serpentine cut the Everlay at these locations. Glue as you go instead of doing it ahead of time. Use a smaller (VCT) trowel to glue these locations so as not to create any excess adhesive build up and height variances.

NOTE: The Everlay loose-laid system is sensitive to free weights, heavy load bearing equipment and rolling bleachers. To prevent any movement of the installed material, specific areas of the Everlay may need to be glued to the subfloor. Contact our Technical Department for recommendations.

- f) To prevent any shifting of the Everlay in loose-laid areas or adhesive getting on the substrate as you are gluing flooring over the Everlay, apply a good quality 1” (2.5cm) wide packing tape over all of the Everlay seams. Lightly sand the tape to remove surface sheen and ensure a good bonding surface for the adhesive. The seams have to be completely closed in order to prevent the adhesive from seeping onto the substrate’s surface.
- g) Once the Everlay is installed, refer to the athletic surfacing installation instructions for its application over Everlay. The only suitable adhesive for gluing over Everlay is PU 105. The seams of the Everlay must be at least 6” (15cm) away from the seams of the flooring material.



DISCLAIMER

These instructions conform to commonly accepted installation techniques in use with Novaproducts floor coverings. However, Novaproducts will not accept any liability whatsoever for any incorrect implementation of these instructions nor for any failure of equipment, paint & primers, leveling compounds, adhesives or other products not manufactured by Novaproducts that may be referenced in these instructions nor for any adverse handling, climatic or environmental conditions that may affect such installation.

The above installation recommendations are provided for general guidance only. Novaproducts assumes no responsibility neither for actual work performed nor for loss or damage that may result from the use of this information due to variations of processing or working conditions outside our control. Users are advised to confirm suitability of products by their own tests.

Warranty only extends to quality and performance of rubber flooring.

WARNING: Should you have any concerns or be unsure about subfloor conditions or installation procedures, please call our Technical Department.

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