

## Nature's Plus

### Solvent Free Outdoor/Indoor Adhesive

**Nature's Plus Outdoor/Indoor Adhesive** is the original patented high solids adhesive developed to withstand outdoor environments, as well as demanding indoor applications. **Nature's Plus** is a solvent free, low odor adhesive designed for permanent installation of rubber backed artificial grass carpet, outdoor unitary latex, marine backs, cork underlayment, and synthetic secondary backings. **Nature's Plus** is recommended for indoor installations of most commercial carpets except for those with vinyl backings.

#### Advantages:

- Green Label Plus approved
- Very quick, strong bond development.
- Water clean up when wet. Water resistant when dry.

**Substrates:** Above, on or below grade concrete, APA Standard underlayment flooring grade plywood, Terrazzo, premium quality Portland cement underlayment and existing well bonded and clean resilient flooring. Do not use over treated lumber or plywood or over substrates that have been chemically cleaned. Do not use on outdoor installations if rain is expected within 24 hours after the installation, or if the substrate temperature is below 60 degrees F. For outdoor temperatures above 95 deg. F, shading may be required to lower the site and substrate temperature. Higher ambient temperatures will shorten open time. All substrates must be sound, dry and clean. Remove any dirt, wax, loose paint, existing adhesives, and all foreign matter that would interfere with a good bond. Seal porous or dusty concrete substrate surfaces.

Indoor installation procedures for preparing and testing concrete substrates must comply with CRI 104 and flooring manufacturer guidelines. With permanent HVAC in operation, the floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°- 95° F, and the humidity below 65% for 48 hours prior to, during, and after the testing and installation. Follow floor-covering manufacturer's installation instructions and proper adhesive application rate. Concrete substrates must be tested for moisture vapor emissions rate (MVER) per Calcium Chloride Test Method ASTM F1869, or for in-situ Relative Humidity per ASTM F2170. The surface pH must not exceed 9.0. MVER of concrete substrates must be below 5.0 lbs., or with in-situ Relative Humidity below 85% per ASTM F2170.

**Trowel Sizes:**

Floor Covering	Trowel Recommendation	Coverage
Smooth back carpets	3/32" x 3/32" x 3/32" V-Notch	10 – 15 square yards/gallon
Most commercial backings	1/8" x 1/8" x 1/16" V-Notch	8 – 10 square yards/gallon
Rough back carpets and double stick	1/8" x 1/8" x 1/16" U-Notch	5 – 8 square yards/gallon

**Open Time:**

None required for porous substrates: 10 - 20 minutes for non-porous substrates. depending on

site conditions. Open time will vary with changes in temperature and humidity. Lay carpet into adhesive that is still wet enough to ensure 100% transfer to the carpet backing, and roll with a 75-100 lbs. roller. When installing over a non-porous surface, let adhesive become tacky.

**Shelf Life:** 1 year from manufacturing date, in an unopened container.

**Uses:** ActionBac, Foam Rubber Back, Hot Melt Backed Carpet, Latex Unitary, Enhancer Backs Outdoor Unitary Latex, Cork Underlayment

**This adhesive** is tested by the Carpet & Rug Institute and carries the CRI Green Label Plus. This product is not photochemically reactive as defined by California Rules 102 and 443. VOC content is below that established by California SCAQMD Rule 1168.

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