



# VINYL 921-PRO

TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION

A premium water based adhesive for the installation of vinyl tile and carpet over wood and concrete. Manufactured with a mixture of resins, latex polymers and chemical additives to produce a high quality and versatile product. **VINYL 921-PRO** is easy to use, has a strong initial grab, excellent bond, ample working time and can be used for a wide variety of flooring applications.

## SURFACE PREPARATION

The area, the adhesive and the flooring must be acclimated between 65 °F (18 °C) and 90 °F (32 °C) at least 48 hours before the installation, during the installation and at least 48 hours after. Substrate must be sound, clean, dry and free of excessive moisture, hydrostatic pressure, alkali, oil, dust, paint, sealers, grease, wax, and adhesive residues. Do not use solvents or liquid adhesive removers. Mechanically remove any material that would interfere with the proper adhesion. All the cracks, holes, spots must be filled with a polymer modified cement based patching compound (Patch Pro) or leveling compound (Level Pro), the product used must have a minimum compressive strength of 3,000 PSI.

## MIXING

**VINYL 921-PRO** is a ready to use product. Does not require mixing. **DO NOT** add water or any other product.





## APPLICATION

An effective ventilation before, during and after installation must be supplied. Open windows and doors, consider a window fans or air movers to bring in fresh air, this would also help to short curing time of the adhesive.

### General Installation

Apply **VINYL 921 – PRO** using the proper trowel (“V” Notch trowel 1/8 x 1/8 x 1/16” for rough-backed carpet, square notch trowel 1/16 x 1/16 x 1/16” for sheet vinyl, “V” notch trowel 3/32 x 3/32 x 3/32” (for smooth-backed carpet) for smooth-backed carpet or a roll flooring, in which case, the adhesive must be pressed and smoothed diagonally in two directions.

A 100% of contact area between the adhesive and the flooring must be obtained. Set the tile or carpet into the adhesive when it has completely dried and become tacky to the touch, but no longer has the ability to transfer to the tile backing. In porous substrates (except plywood), set the flooring immediately after the adhesive were applied, when is wet yet. When the substrate is non porous or plywood, allow the adhesive to set open 10 – 20 minutes before installing the floorcovering. Do not install the tiles until all moisture is evaporated completely. Tile can be laid into the adhesive for up to 6 – 12 hours after application as long as adhesive remains free from any contaminates. Do not allow a skin film over the surface, if the adhesive dries or skins over, it must be scraped up, and replace with fresh adhesive.

For cleanup, remove wet adhesive residue with a soapy water. For a dried residues a mineral spirits can be used.

## CURING

**VINYL 921 – PRO** set 24 hours before exposing to heavy traffic. Avoid the standing water or other cleaning sources for at least 30 days. The curing time will be longer if temperature are lower than 65 °F (18 °C).

## USES

**VINYL 921 – PRO** is a multipurpose floor covering adhesive for use in interior, ideal for commercial and residential installations. Specially designed to adhere vinyl tile and carpet to structurally sound and moisture free concrete subfloors, plywood, cement screed and underlayment, hardboard, terrazzo, ceramic tile, marble, stainless steel. Is ideal for vinyl tile, vinyl plank and solid vinyl. For the installation of indoor carpeting (carpet backed with jute, polypropylene, urethane foam, etc.).

## COVERAGE PER 25 LB. BAG

<i>“V” Notch trowel 1/8 x 1/8 x 1/16” (for rough-backed carpet):</i>	90-100 ft <sup>2</sup> (8.4-9.3 m <sup>2</sup> ) per gallon 315-350 ft <sup>2</sup> (29-32 m <sup>2</sup> ) per 3.5 gallon
<i>Square notch trowel 1/16 x 1/16 x 1/16” (for sheet vinyl):</i>	140-160 ft <sup>2</sup> (13-15 m <sup>2</sup> ) per gallon 490-560 ft <sup>2</sup> (45-52 m <sup>2</sup> ) per 3.5 gallon
<i>“V” notch trowel 3/32 x 3/32 x 3/32” (for smooth-backed carpet):</i>	140-160 ft <sup>2</sup> (13-15 m <sup>2</sup> ) per gallon 490-560 ft <sup>2</sup> (45-52 m <sup>2</sup> ) per 3.5 gallon
<i>Roller</i>	230-250 ft <sup>2</sup> (13-15 m <sup>2</sup> ) per gallon 805-875 ft <sup>2</sup> (75-81 m <sup>2</sup> ) per 3.5 gallon

Surface conditions and roughness of material backing will determine the coverage needed.





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## TECHNICAL INFORMATION

<b>Appearance:</b>	Light yellow medium viscosity paste Waterbourne, containing some aromatic hydrocarbon.
<b>Shelf life:</b>	One year minimum at 70° F
<b>Flash point:</b>	Non flammable
<b>Nominal open times:</b>	45 minutes Varies significantly with humidity, air circulation, substrate temperature
<b>Coating VOC:</b>	0 VOC calculated 145-155 g/l, 1.7 g/l
<b>Open time:</b>	6-8 hours depending on substrate porosity.
<b>Specific gravity:</b>	1.23 approx.

## LIMITATIONS

Only can be used indoors and is not recommended for use when installing tile over concrete emitting moisture of 3 lbs or more, or alkaline flooring that measures pH 9 or above. Do not apply when the temperature is below 50 °F or above 90 °F. Do not use over dimensionally unstable substrates. Do not use for installations subject to prolonged water immersion. Shelf life is 1 year, if unopened. Always protect the recently vinyl or carpet installed from heavy traffic, rolling loads or furniture placement for 24 hours after the installation.

## WARNINGS

This product contains Portland cement which contains greater than 0.1% crystalline silica. Prolonged or occupational exposure to airborne crystalline silica may cause lung disease or cancer. For detailed information on how to use and handle this product safely, see the Material Safety Data Sheet.

**CEMENT PRO**, as a manufacturer of processed material in the State of California, we are required by Proposition 65 to warn that one or more of the components contained in this product could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California requires the above warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacture, distribution and intended use.

## CAUTION

This material contains Portland cement, silica sand and polymers. Contact with dry or freshly mixed mortar, grout or concrete may cause skin irritation. If direct contact occurs wash exposed skin areas promptly with soap and water. If any cement material gets into the eyes, rinse immediately and repeatedly with water and seek prompt medical attention.

**KEEP OUT OF REACH OF CHILDREN**

## WARRANTY

Recommendations for the use of this product are based on reliable tests. No guarantee of results is made where conditions are beyond our control. No representations either expressed or implied are made with respect to the product except as herein stated and under no circumstances, either expressed or implied, will CEMENT PRO be held liable for damages in excess of the purchase price of this product. Storage Life - One year if kept in a dry sealed bag.