



TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

Miracle® V206 Vinyl Decking Adhesive is a solvent based contact adhesive specifically formulated for PVC membranes. **Vinyl Decking** provides a water and heat resistant bond for fleece and fabric backed PVC membranes. **Vinyl Decking** offers a strong neoprene bond, long open time, and fast cure.

ADVANTAGE:

- Quick dry time
- Aggressive grab tack
- High green strength
- Excellent adhesion to many substrates
- High strength bonds
- Good spray pattern
- Spray or roller applied
- Long open time

TYPICAL PROPERTIES:

Property	Typical Value
Base:	Compounded polychloroprene
Solvent:	Organic Solvent**
Shelf Life:	1 year from Date of Manufacture*
Colors:	Clear
Flash Point:	-34.6°F (-37°C)
Weight/ Gallon	6.61 lbs/ gallon
VOC Content	571.8 g/L (EPA Method 24)
Viscosity	225 – 275 cps
Solids	16.9 ± 1.0%
Open Time	45 minutes
Dry Time	10 minutes
Formaldehyde	No urea formaldehyde added during adhesive manufacturing

* The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall
**Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

DIRECTION FOR USE:

- Use only after careful consideration of the warnings, directions, and first aid instructions given.
- Surfaces to be bonded should be clean, dry and free of any dust, loose paint, wax, moisture, dirt, grease, oil, rust or other contaminants.
- Stir thoroughly before using.
- For best results, adhesive and materials to be bonded should be at 60°F (15.6°C) to 95°F (35°C) during application. Allow substrates to acclimate to room temperature for 48 hours prior to bonding.

- DO NOT THIN.
- Read and follow all of the membrane manufacturer's membrane application instructions.
- The membrane must be free of wrinkles and should be allowed to relax for at least 30 minutes prior to application of the bonding adhesive.
- Apply a uniform coat of adhesive to both surfaces.
- Apply adhesive at the rate of 120 sq. ft./ gallon to each surface, sufficient to bond 60 sq. ft. of membrane in place.
- Adhesive must be applied to both surfaces as close to the same time as possible.
- Allow both surfaces to dry to a tacky feel without adhesive transferring or stringing to the finger when touched, before bonding.
- Complete the bond within 15 minutes. If the two surfaces don't grab immediately when brought into contact, they have dried too long and reapplication of adhesive is required.
- Position membrane carefully before putting together, since repositioning is not possible once contact is made.
- Bring surfaces together and immediately apply firm pressure over entire surface working from the center to the edges.
- Firmly brush the membrane with a stiff broom to develop maximum adhesion.
- Replace the lid after each use and secure tightly for storage.
- Do not use on some vinyl membranes or polystyrene foam. Some membranes contain plasticizers, which can, over time, soften and dissolve the bond, or bleed through/ discolor.
- When in doubt, or if product is used on no-backed vinyl other light colored materials, conduct compatibility testing on the product to be bonded before use.
- Copper or its alloys should not be used to transfer or contain this adhesive.
- Do not laminate copper or its alloys with this adhesive.

KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY
USE ONLY WITH APPROVED EQUIPMENT

NOTICE TO PURCHASER:

NO WARRANTIES, EXPRESS OR IMPLIED, ARE MADE INCLUDING MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. EXCEPT FOR PERSONAL INJURY RESULTING FROM USE OF THE PRODUCT AS DIRECTED, ITW POLYMERS SEALANTS NORTH AMERICA, INC. SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY LOSS OR DAMAGE. UNDER NO CIRCUMSTANCES SHALL ITW POLYMERS SEALANTS NORTH AMERICA, INC., A DIVISION OF ILLINOIS TOOL WORKS INC., OR ITS AFFILIATES ("ITW POLYMERS SEALANTS NORTH AMERICA, INC.") BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE USER MAY SEND A SAMPLE OF PRODUCT TO ITW POLYMERS SEALANTS NORTH AMERICA, INC. FOR TESTING. IF SUCH TESTING PROVES A PRODUCT DEFECTIVE, THE USER'S SOLE AND EXCLUSIVE REMEDY IS EITHER REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE CONTAINER OF PRODUCT. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ITW POLYMERS SEALANTS NORTH AMERICA, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATIONS OF THIS.

WARRANTY:

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE; THEREFORE, SOME OF THE LIMITATIONS STATED ABOVE MAY NOT APPLY TO YOU. IT IS TO YOUR BENEFIT TO SAVE YOUR DOCUMENTATION UPON PURCHASE OF A PRODUCT. THE INFORMATION AND SUGGESTIONS FOR USE CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE, BUT ARE NOT TO BE CONSTRUED AS WARRANTIES. USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR HIS OR HER INTENDED USE AND SHALL ASSUME ALL RISK ASSOCIATED THEREWITH.

Complete technical information is available from
ITW Polymers Sealants North America, Inc.

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