

NW 'Z' GRADE™

Synthetic Rubber Deck Coating



Performance
Coatings & Sealants
Systems

DESCRIPTION

NW 'Z' GRADE is a premium quality single component waterproofing coating for concrete decks, walkways, and stairways. It is also used on steel, fiberglass, and wood decks. It is solvent-based and may be applied in any temperature range. NW 'Z' GRADE is designed for permanent flexibility and toughness, abrasion resistance, and to bridge and move with hairline cracks, and to resist impingement attack. It may be used in marine or industrial situations and in constant submersion conditions.

OUTSTANDING FEATURES

- Tough and abrasion resistant
- Its dense molecular network provides a resilient barrier
- Its elastomeric properties allow it to expand and contract with the substrate
- Has good flexibility at low temperatures, maintains its strength at higher temperatures
- Easy to apply and user friendly to insure high quality results
- Will not attract insects, birds, reptiles or vermin
- Tested and validated by the Sealant Waterproofing and Restoration Institute for Priority Performance in a Deck Coating System

APPLICATION

Caution! Read this entire data sheet before continuing.

Surfaces must be dry, free of dirt or loose debris, and free of oil, grease, or any substance that would interfere with adhesion. All repairs of damage or defects must be made prior to product application.

NW 'Z' GRADE is applied straight out of the can after 2 minutes of gentle low speed mixing or stirring. Apply the product using brush, roller, or spray technique. If airless spray application is desired, NW 'Z' GRADE should be used with the following equipment specifications: ratio 30:1 or 40:1 and a #35 or larger tip. Apply NW 'Z' GRADE in a smooth, even fashion to achieve a uniform coating thickness in 2 coats. Allow sufficient ventilation to promote thorough drying

between coats and before service. Drying time in well ventilated circumstances is 12 hours at 70°F (50% R.H.) for 16 mils wet film thickness.

LIMITATIONS

Do not apply to wet or frozen surfaces that are saturated with moisture. Proper surface preparation is important to product performance. Shelf life is 24 months in unopened cans stored indoors. This product is flammable. Keep away from sources of heat, sparks, and flames. Use only EP rated equipment.

MAINTENANCE

NW 'Z' GRADE is re-coatable. If an area becomes damaged, re-coat with NW 'Z' GRADE. Clean tools and equipment with xylene or toluene solvents. Do not allow the solvents to contact NW 'Z' GRADE that has been applied.

SPECIFICATIONS	
Coating Type	Ethylene elastomer
VOC:	420 gms/liter
Pot Life:	Not applicable (single component)
Shelf Life:	2 years (unopened) from date of manufacture
Recommended Thickness:	20 mils dry film thickness
Coverage:	Approximately 2 gallons per 100 square ft, depending upon substrate
Packaging:	Available in 1 gallon and 5 gallon pails
Color:	White, Gray, Red, Green, Black, or special colors

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PRECAUTIONS

Read the container label warning and Safety Data Sheet (SDS) for important health and safety information prior to the use of this product.

Keep out of reach of children and pets.

For additional information, contact our Technical Department.

TECHNICAL DATA		
Moisture Vapor Transmission	0.01 perms	ASTM D-96
Tensile Strength	2,000 psi	ASTM D-412
Elongation	350%	ASTM D-412
Solids Content	55% (B.W.); 53% (B.V.)	ASTM D-1044
Flashpoint	105°F (closed cup)	FTMS 141A (M4293)
Shore 'A' Hardness	75 degrees	ASTM D-2240
Weatherometer (5,000 hours)	Pass	ASTM G-23
Low Temperature Flexibility	180 deg. Bend (10°F)	ASTM C-711
Density	Approx. 9 lb/gallon	ASTM D-1475
Viscosity	Approx. 15,000 cps	ASTM D-446

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ANDEK CORPORATION · 850 Glen Ave · P.O. Box 392 · Moorestown NJ 08057-0392
 Tel 800.800.2844 · Fax 856.786.0580 · www.Andek.com