

Different Types of Adhesives & Application Methods

NORDOT® Adhesives

one-part, solvent-based moisture-cured urethanes

Three extremely important adhesive properties for a successful and profitable outdoor installation are: reliable handling properties in variable or adverse weather conditions; outstanding high green strength (grab) during installation; and excellent durability after aging and weathering. All **NORDOT®** Outdoor Adhesives provide these essential properties, helping increase your productivity and your profits through faster, more efficient installation.

NORDOT® Adhesives Product Information

Adhesive Group

Newtonain

(Syrup-like) liquid in a 5-gallon pail with a pour spout



Thixotropic

(Mayonnaise-like) liquid in a 5-gallon open head pail



Airless Spray

(Spider-web spray pattern) in a 55-gallon drum



Adhesive Name

34D-2

Viscosity
350 - 600 cPs

34N-2

Viscosity
1500 - 2500 cPs

34N-4

Viscosity
1500 - 2500 cPs

34G

Viscosity
22000 - 29000 cPs

34R-4

(Super)
Viscosity
22000 - 29000 cPs

34S-3

(Plus)
Viscosity
500 - 900 cPs

34S-4

Viscosity
500 - 900 cPs

Used For

• Best for bonding surfaces ranging from smooth to lightly textured, when bottom surface is non-porous

• Best for bonding surfaces ranging from medium texture to rough, can also be used on smooth surfaces

• Mostly used for total glue downs of large areas, can also be used for seams and smaller projects

Handling Properties

• Syrup-like, pours and spreads easily
• Levels and flows
• Does not hold trowel ridges
• Can be applied easily by airless spray with negligible overspray

• Same properties as 34D-2
• Faster, higher green strength (tack) development than 34D-2 during install

• Same properties as 34D-2
• Faster, higher green strength (tack) development than 34D-2 or 34N-2 during install
• Lower odor and lower VOC than 34D-2 or 34N-2

• Mayonnaise-like, easy to apply and spread
• Holds trowel ridges, even on vertical surfaces

• Same properties as 34G
• Lower odor, lower VOC, faster green strength (tack) development in cold weather than 34G

• Applies easily by airless spray to cover large areas fast
• Negligible overspray and minimal airborne adhesive mist
• Unique 'spider web-like' spray pattern allows porous surfaces to remain water permeable.

• Same properties as 34S-3 (Plus)
• Lower odor, lower VOC than 34S-3 (Plus)
• Faster green strength (tack) development than 34S-3 (Plus)

Spread Rates by Application Methods

Glue Box

Cannot be used with glue box (too thin, doesn't hold trowel ridges)

~40 - 60 linear ft / gal on 12" wide seaming tape (~200 - 300 sf / pail)

N/A

**Trowel/
seam tape**

~50 - 75 linear ft / gal. on 12" wide non-porous seaming tape (~250 - 375 sf / pail)

~40 - 60 linear ft / gal on 12" wide seam tape with 1/8 trowel (~200 - 300 sf / pail)

~60 linear ft / gal on 12" wide seaming tape (~3,300 linear ft. / drum)

Squeegee

~50 - 75 sf / gal.; (~250 - 375 sf / pail)

~40 - 60 linear ft / gal (~200 - 300 sf / pail). Bonding two smooth surfaces, ~50 - 70 sf / gal. (~250 - 350 sf / pail)

Airless spray on elayer, porous pad

~60 sf / gal. (~3,300 sf / drum)

N/A

N/A

~60 sf / gal. (~3,300 linear ft. / drum)

Airless spray on concrete

~75 sf / gal. (~4,125 sf / drum)

N/A

N/A

~75 sf / gal. (~4,125 linear ft. / drum)

Note: Spread rates are conservative and approximate (~) "Trowel size: if unsure, start with 1/8", adjust if necessary
Removing glue from surface when wet: xylene, acetone, lacquer thinner. Test colorfastness first! When dry: lightly file, sandpaper, scraper, power sander. Use caution!

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