ONE-PART SOLVENT-BASED NORDOT® ADHESIVES VS. FOUR SOLVENT-FREE GLUES PLUS SEWING

STOP THE SUFFERING! USE NORDOT® ADHESIVES

GO! Benefits of NORDOT® Adhesives

- One-part solvent-based urethanes: Just open the pail and use. Can be applied via glue-box, trowel, spray or squeegee.
- Do not require mixing two-part adhesives, nor special hot melt, sewing machine or other equipment.
- Can be applied in any temperature an installer can work (from sub-freezing to hot desert temperatures). It avoids weather-related installation delays.
- High "green strength" (grab, tack and grip) during installation helps overcome turf movement due to wind, changing temperatures, passing clouds, sun/shade; also no sandbagging seams.
- Do not foam in high humidity; or solidify in their pails when cold; or take "forever" to cure unless more moisture is added (not "fair weather only" adhesives).
- Superior water resistance even when submerged in fresh or salt water.
- Proven world-wide exterior durability (over 41 years of successful use outdoors).
- Superior quality and performance (initially costs more but higher retained profits later).

Gluing Using a:

Stand-Up Trowel

Airless Spray

Glue Box

Norris Legue is a chemist and President of Synthetic Surfaces Inc.(www.nordot.com). In about 1969, he invented the first urethane adhesive that was used successfully to install synthetic turf athletic fields. His company's new generations of NORDOT® Adhesives are used to install synthetic turf more than any other adhesive in the world. His peers have dubbed him the "Guru of Glue®".

STOP! Suffering With:

A) Two-Part Solvent-Free Adhesives

- Each Component by itself is not an adhesive: Must be thoroughly and properly mixed to ensure good long term durability
- Must mix many small packages, instead of using a few large ones: Costs time, money & labor
- Weather sensitive to handle: Short pot life when hot; hard to mix and slow to cure when cold
- Negligible green strength (oily, slippery adhesive before cure): Extensive rolling and sandbagging of seams, often necessary
- More than double empty Part A & Part B containers to discard when job completed

B) Hot Melt Adhesives

- Special and costly hot melt equipment and power required
- Cost more to use because they install slower and require more workers to apply
- Thermoplastic (hardness changes with temperature): become softer and weaker in hot sun, plus harder and sometimes brittle when cold
- Installation sensitive: Often "oozes & squeezes out" of seams on hot days and prematurely solidifies (solid lumps underneath) on cold days
- Sometimes burns installer's fingers during application and installing

C) One-Part Solvent-Free Adhesives (Both Urethane & Silicone/Silane)

- Usual installation problems previously mentioned with oily, slippery, negligible green strength adhesives: wind, hot, cold, oozing, squeeze-out, passing clouds, sandbagging seams, etc.
- Urethanes: Foam when applied to a damp surface and/or in high humidity; crystallize (become solid) in pail when cold; often need moisture added to speed cure; brittle after cure
- Silicone/Silane: Very slow to cure when cold and need water to hydrolyze in order to start their cure

D) Sewing (Mechanical Seam Joining)

- Needles often break due to cold weather and/or wind
- Spot fastening: Unjoined space between each stitch
- Easy to vandalize by cutting thread stitches
- Expensive: Sewing machines necessary; slower installations plus more people required

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