



14th February 2014



GoldStix Multi-Purpose Adhesive

Premium water-based multi-purpose adhesive



EcoBucket →

Biodegradable resin
manufactured from
100% recycled content.

GoldStix Multi-Purpose Adhesive is designed for direct glue-down interior carpet installations, for bonding carpet to pad in double-stick systems, and can also be used with mineral or fibrous-backed resilient sheet goods.

The adhesive remains tacky for an extended period of time, has little odour and is environmentally friendly.



GoldStix Multi-Purpose Adhesive

Premium water-based multi-purpose adhesive

technical data sheet

Advantages:

- Very quick, strong bond development - quickly develops adhesive legging and forms a strong durable bond with most commercial broadloom carpets.
- CRI Green Label Plus approved
- May be used on moisture free slabs above, below, or on grade
- Water clean up when wet
- Low odour - won't disrupt the installation
- Contains MicroSept™ antimicrobial protection

Uses:

Ideal for tough interior carpet installations and carpet to pad systems. Use on ActionBac®, jute back, rubber back, enhancerback, urethaneback, latex unitary back, woven back, Axminster, Wilton, wall carpets, needle-punched and dual bond carpets.

Not recommended for solid vinyl or vinyl foam backing.

Recommended Trowels:

Normal use (ActionBac®, jute)

2.4mm x 2.4mm x 2.4mm - V Notch BVTDAV2

Coverage: 2.21 - 3.31 m²/L

Rough back or rough floor covering

3.2mm x 3.2mm x 3.2mm - U Notch BVTDAV4

Coverage: 1.10 - 1.77 m²/L

Timing:

Open Time:

15 - 25 minutes, dependent upon atmospheric conditions.

Shelf Life:

1 year from manufacturing date, in unopened container.

Technical Notes:

The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 10°-35° C, and the Relative Humidity between 30% and 75% for 48 hours prior to, during, and after the testing and installation. Follow floor-covering manufacturer's installation instructions and proper adhesive application rate.

Use Gold Stix on concrete substrates with in-situ Relative Humidity per the latest version of ASTM F2170 up to 80% RH and with surface pH from 7 - 9. Site conditions and substrate preparations must comply with those as described per current AS/NZS 2455 guidelines for Carpet Installation-Direct and Double Bond.

The substrate must be sound, smooth, dry and clean. Remove any dirt, wax, loose paint, existing adhesives, concrete sealers, curing and parting agents, and all other foreign matter that would interfere with a good bond. Do not use on substrates that have been chemically cleaned. Seal porous or dusty concrete surfaces. Lay carpet into adhesive that is still wet enough to ensure 100% transfer to the carpet backing, and roll with an **Intafloors IF7275** 75lbs. or **Intafloors IF72100** 100 lbs. roller. When installing over a non-porous surface, let adhesive become tacky.

This adhesive is tested by the Carpet & Rug Institute and carries the CRI Green Label Plus. This product is not photochemically reactive as defined by California Rules 102 and 443. VoC content is below that established by California SCAQMD Rule 1168.

* ASTM International, formerly known as the American Society for Testing and Materials: www.astm.org

www.intafloors.com.au



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DIRECT AND DOUBLE STICK BONDING OF CARPETS

Nuplex made and supply a broad range of carpet adhesives. Some are specific for direct bonding of carpet while others are designed for double stick (carpet to underlay). Some adhesive are specifically designed for synthetic carpets and others are only suitable for jute backed carpets. It is very important to select:

- The right adhesive.
- Understand the type of carpet being laid.
- To apply the correct spread rate of adhesive for the carpet type.
- The correct timing and method of installation.
- To consider the temperature and humidity at the time of application.

Some adhesives will work on particular carpets if a higher spread rate of adhesive is applied.

	<u>ADHESIVES(S)</u>	<u>HEATBOND TAPES</u>
Premium Double Bond system (carpet to underlay)	Goldstix	DBPS or Koolglide double Bond
Standard double Bond system (carpet to underlay)	as above and Ultrabond,	DBPS or Koolglide double Bond
Premium base Bond system (Underlay to floor)	Goldstix, Ultrabond,	
Standard base Bond system (Underlay to floor)	Super 7,	
Premium Direct stick system (carpet to Underlay)	Goldstix	DBPS or Koolglide double Bond
Standard Direct system (carpet to Underlay)	Ultrabond, Super 7	DBPS or Koolglide double Bond

ENVIRONMENTAL CONDITIONS

In cold and/or damp conditions use low water content adhesives (Goldstix) in all applications.

COVERAGE

Choose the PREMIUM system for commercial applications with frequent cleaning, roller chairs and traffic intensity.

Specific coverage rates apply for direct stick and double stick situations (refer to specific product data sheet) depending on the carpet backing type. More adhesive is applied for bonding carpet to underlay than underlay to substrate.

Bond strength and bond lifetime is directly related to the amount of adhesive applied per m².

Allow the glue to tack up (without drying off). Lay the carpet into the glue and roll lightly with a 35Lb roller.

NB: Not allowing the glue to tack up & rolling too heavily and too quickly will mean this action could force the adhesive into the underlay or carpet backing resulting in little adhesive at the bonding interface. Failure may result. "Adhesive disappearance" is often caused by these actions.

Good trade practice would define that bonding synthetic action-bak carpets would require more adhesive than jute back

carpets. Commercial trowels (eg: Nuplex Versablades) define the type of trowel for specific applications. Use new notches, do not push too hard onto the underlay as this will reduce adhesive application. Hold the trowel vertically. Worn trowels are not acceptable.

Using weak adhesives or low spread rates on the undelay to substrate with the aim to allow easy future uplift may result in premature failure and de-bonding. Adhesives should be used to provide bonding.

HEATBOND TAPES

Use Nuplex Heatbond tapes in conjunction with double bond carpet installations (bonding carpet to underlay to floor). Use Nuplex DBPS tape on the carpet joint. Do not apply adhesive on the tape area. DBPS tape has a sticky base which allows it to be positioned on the underlay.

The Heatbond iron will then fully bond underlay, carpet and joint. This process will prevent carpet peaking over active carpet-underlay joints.

The bonded joint is also more waterproofed in commercial, regularly cleaned area.

Using DBPS on direct stick carpets will also help reduce joint opening in commercial areas.