Spyder

PERFORMANCE ADHESIVES

FOR THE FLOORING INDUSTRY

www.spyderadhesives.com

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SUPERIOR COVERAGE
Up to 35%* more coverage

HIGH SOLIDS
More adhesive per can

HIGHER COAT WEIGHT
More adhesive to the surface

SUPERIOR ADHESIVE
High Tack & Better Bond strength

Spyder
PERFORMANCE ADHESIVES

SUSTAINABILITY THAT STICKS

REVOLUTIONARY AEROSOL ADHESIVES BY AFT AEROSOLS

With 35% higher coverage than standard sprays, professionals use fewer cans per project, making Spyder more economical and kinder to the environment.

Spyder is free from chlorofluorocarbons (CFC) and uses recyclable materials.

25
Years of industry experience

10
Years of product development

35%
More coverage in every can

FOR SAFER RESULTS THAT ARE KINDER TO THE ENVIRONMENT, GIVE SPYDER A SPIN.

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PERFORMANCE ADHESIVES

BRAND NEW REVOLUTIONARY AEROSOL ADHESIVES FOR FLOORING BY AFT AEROSOLS

AFT have combined over 25 years of experience and 10 years of product development to create exceptional-performance aerosol adhesives for **flooring** applications and more.

1. Advanced formulation
2. Superior quality
3. Exceptional coverage
4. High-bond strength
5. Fast installation
6. Minimal drying time
7. Long-lasting bond
8. Kinder to the environment

READY TO GIVE SPYDER A SPIN?

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AFT AEROSOLS TURNS 30

Celebrating 30 years as a leading manufacturer of aerosols worldwide.

- High-performance aerosols
- Minimum lead times
- Industry-leading expertise

LEARN MORE ABOUT OUR INNOVATIVE PRODUCTS

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PERFORMANCE ADHESIVES

- REVOLUTIONARY ADHESIVE SYSTEM
- SUPERIOR STRENGTH + BOND

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FEATURES/BENEFITS

SPYDER FLOORING RANGE V
CONVENTIONAL FLOORING SPRAY ADHESIVES

- ✓ **SUPERIOR COVERAGE**
  Up to 35%* more coverage
- ✓ **HIGH SOLIDS**
  More adhesive per can
- ✓ **HIGHER COAT WEIGHT**
  More adhesive to the surface
- ✓ **SUPERIOR ADHESIVE**
  High Tack & Better Bond strength
- ✓ **ENVIRONMENTALLY FRIENDLY**
  less cans used = less cans going into landfill
- ✓ **FAST TRACK INSTALLATION**
- ✓ **DICHLOROMETHANE FREE**
  (Spyder Stick NC and Spyder Vinyl)

SPYDER STICK	Superior Coverage up to 35% more coverage Less cans used, better for the environment Superior Adhesive = Superior Bond Fast Track Application Flash off time 1 minute Ideal for bonding felt & foam backed carpets Securing Underfelts Spot fixing Carpet Tiles Dust Sealing concrete floors For use in the Soft Furniture Manufacturing & Re-Upholstery CFC Free Recyclable	**STANDARD SPRAY ADHESIVE**
SPYDER STICK NON CHLORINATED	Superior Coverage Superior Adhesive = Better Bond Dichloromethane Free Non- Chlorinated Formulation Low Odour Fast Track Application Ideal for bonding PU Underlay, Carpets gel & felt backed CFC Free Recyclable	**STANDARD VINYL ADHESIVE** Dichloromethane Free Non-Chlorinated Formulation Low odour Fast Track Application Ideal for bonding PU Underlay, Carpets & Felt backed carpets CFC Free Recyclable
SPYDER GRAB CONTACT ADHESIVE	Superior Adhesive Superior Adhesive = Better Bond High Temperature Contact Adhesive up to 110˚C Designed for bonding rubber floorcoverings and marmoleum Suitable for bonding most materials & surfaces Flash-Off Time 4 – 5 minutes Bond time 15 minutes Designed for bonding Rubber Underlay CFC Free Recyclable	**STANDARD CONTACT ADHESIVE** High Temperature Contact Adhesive up to 110˚C Designed for bonding rubber floorcoverings & marmoleum Suitable for bonding most materials & surfaces Flash-Off Time 4 – 5 minutes Bond time 15 minutes CFC Free Recyclable
SPYDER VINYL	Superior Coverage Superior Adhesive = Better Bond Less cans used = better for the environment Non Chlorinated (Dichloromethane Free) Acrylic Based Adhesive Plasticizer Migration Resistant Ideal for use with Sheet Vinyl applications, Vinyl Tiles and LVT's Fast track installation CFC Free Recyclable	**STANDARD SPRAY ADHESIVE** Standard Vinyl Non Chlorinated (Dichloromethane Free) Acrylic Based Adhesive Plasticizer Migration Resistant Ideal for use with Sheet Vinyl applications, Vinyl Tiles and LVT's Fast track installation CFC Free Recyclable

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STICK : AEROSOL ADHESIVE CHLORINATED

A high performance, high solids solvent adhesive based on a blend of thermoplastic rubbers & synthetic resins which has been formulated for use in most general purpose applications; allied to our Easi-Flo & Easi-Control actuator system which gives finger-tip control.

RECOMMENDED USE: SPYDER STICK will bond foams, fabrics, carpet, carpet tiles, polythene, cork, felt etc. to themselves or to harder substrates such as wood, glass, metal, brickwork, hardboard, hard plastics and many other materials.

IMPORTANT: Always read the Safety Data Sheet before use.

METHOD OF USE: Surface Preparation - All surfaces must be clean, dry, and free from dust, grease, and any loose material. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied.

Application and bonding: An even coat of adhesive should be applied to both surfaces to be bonded and allow the solvent to evaporate. Drying is dependent on conditions, but bond should be made within 10 minutes of application. Bring the two dry surfaces together and press together over the entire bonded area.

This adhesive is not suitable for use with heavily plasticised PVC.

IMPORTANT Always read the Safety Data Sheet before use.

STORAGE Store in a cool dry well-ventilated area at between 10-30˚C.

SHELF LIFE One year from the date of manufacture.

MANUFACTURING STANDARD ISO 9001:2015

TYPICAL CHARACTERISTICS

Physical appearance	**Low viscosity liquid**
Colour	**Amber**
Chemical Type	**Blend of synthetic rubber and resins**
Solvent	**Chlorinated Hydrocarbon**
Viscosity Brookfield RVT 20rpm at 25˚C [mPa.s]	**Approx 90**
Total solids content	**Approx 26-28 %**
Relative Density	**Approx 1.2**
Open Time	**1-10 minutes**
Heat Resistance	**60˚C**

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PERFORMANCE ADHESIVES

- REVOLUTIONARY ADHESIVE SYSTEM
- SUPERIOR STRENGTH + BOND

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STICK : AEROSOL ADHESIVE NON CHLORINATED

A high performance, high solids solvent adhesive based on a blend of thermoplastic rubbers & synthetic resins. Our Easi-Flo & Easi-Control actuator ensures finger-tip control during application.

RECOMMENDED USE: SPYDER STICK NON CHLORINATED will bond foams, fabrics, carpet, carpet tiles, polythene, cork, felt etc. to themselves or to harder substrates such as wood, glass, metal, brickwork, hardboard, hard plastics and many other materials.

IMPORTANT: Always read the Safety Data Sheet before use.

METHOD OF USE: Surface Preparation - All surfaces must be clean, dry, and free from dust, grease, and any loose material. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied.

Application and bonding: An even coat of adhesive should be applied to both surfaces to be bonded and allow the solvent to evaporate. Drying is dependent on conditions, but bond should be made within 10 minutes of application. Bring the two dry surfaces together and press together over the entire bonded area.

This adhesive is not suitable for use with heavily plasticised PVC.

IMPORTANT Always read the Safety Data Sheet before use.

STORAGE Store in a cool dry well-ventilated area at between 10-30˚C.

SHELF LIFE One year from the date of manufacture.

MANUFACTURING STANDARD ISO 9001:2015

TYPICAL CHARACTERISTICS

Physical appearance	**Low viscosity liquid**
Colour	**Amber**
Chemical Type	**Blend of thermoplastic rubber and synthetic resins**
Solvent Blend	**Acetone/Hydrocarbon**
Viscosity Brookfield RVT 20rpm at 25˚C mPa.s	**Approx 50**
Total solids content	**Approx 30-32 %**
Relative Density	**Approx 0.83**
Open Time	**3-15 minutes**
Flammability	**Highly Flammable**
Heat Resistance	**>60˚C**

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GRAB: PREMIUM HIGH TEMP CONTACT ADHESIVE

A high performance, Chlorinated, multi-purpose, non-flammable, solvent based pressure sensitive adhesive allied to our Easi-Flo and Easi-Control actuator system which gives finger-tip control.

RECOMMENDED USE: SPYDER GRAB bonds many materials such as fabrics, foam, felt, carpets and carpet tiles, cardboard, rubber, polythene, sheet vinyl and most plastics to themselves and a wide variety of substrates including wood, metal, concrete, brickwork, stone, slate, glass etc; making it ideal for use in contract flooring, exhibitions, carpet laying, furniture manufacture, and re-upholstering.
It is particularly suited for bonding most furnishing materials to themselves or to each other, including fabrics, leather, wood, metal, rubber, plastics and foam.

IMPORTANT: Always read the Safety Data Sheet before use.

METHOD OF USE: Surface Preparation - All surfaces must be clean, dry, and free from dust, grease, and any loose material. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied.

Application and bonding: An even coat of adhesive should be applied to both surfaces to be bonded and allow the solvent to evaporate. Drying is dependent on conditions, but bond should be made within 10 minutes of application. Bring the two dry surfaces together and press together over the entire bonded area.

This adhesive is not suitable for use with heavily plasticised PVC.

MANUFACTURING STANDARD: ISO 9001:2015

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TYPICAL CHARACTERISTICS

Physical appearance	**Low viscosity liquid**
Colour	**Amber**
Chemical Type	**Blend of synthetic rubber and resins**
Solvent	**Chlorinated Hydrocarbon**
Viscosity Brookfield RVT 20rpm at 25˚C [mPa.s]	**Approx 500**
Total solids content	**Approx 26%**
Relative Density	**Approx 1.2**
SAFT	**AFTApprox >100°C (100gm)**

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PERFORMANCE ADHESIVES

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VINYL : PREMIUM VINYL ADHESIVE

An acrylic based pressure sensitive adhesive, formulated to be completely free from materials which would contribute towards plasticiser migration, allied to our Easi-Flo and Easi-Control actuator system which gives finger-tip control.

RECOMMENDED USE: SPYDER VINYL is ideal for bonding Vinyl or PVC floor coverings to a variety of substrates including concrete, wood, stone and most other hard surfaces.

IMPORTANT: Always read the Safety Data Sheet before use. An evaluation of the adhesive should always be carried out in application conditions before commercial use is undertaken, this should also include reference to ageing.

METHOD OF USE: Surface Preparation. All surfaces must be clean, dry, and free from dust, grease, and any loose material. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied. Application and bonding. It is always best to coat both surfaces. Spray onto a clean, dry and dirt free surface from approximately 10" (25 cm). Spray two coats if surface is dusty. Apply floor covering to substrate whilst the adhesive is still tacky, press the floor covering into place starting at the centre and working outwards.

STORAGE: Store in a cool dry well ventilated area at between 10-30˚C.

SHELF LIFE: One year from the date of manufacture.

MANUFACTURING STANDARD: ISO 9001:2015

TYPICAL CHARACTERISTICS

Physical appearance	**Low viscosity liquid**
Colour	**Amber**
Chemical Type	**Acrylic**
Solvent	**Acetone**
Viscosity Brookfield RVT 20rpm at 25˚C [mPa.s]	**Approx 60cps**
Total solids content	**Approx 20%**
Relative Density	**Approx 1.2**

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- SUPERIOR STRENGTH + BOND

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GRAB: PREMIUM HIGH TEMP CONTACT ADHESIVE

ISOQAR REGISTERED

UKAS MANAGEMENT SYSTEMS 0026

A high performance, Chlorinated, multi-purpose, non-flammable, solvent based pressure sensitive adhesive.

TECHNICAL SPECIFICATION

Solvent	**Chlorinated Hydrocarbon**
Propellant	**Hydrocarbon**
Chemical Type	**Synthetic rubbers and resins**
Solids Content	**Approx 29%**
Colours	**Amber/Clear/Red**
Viscosity - Brookfield RVT 20rpm at 25°C [mPa.s]	**Approx 500**
Relative Density (Adhesive)	**Approx 1.2**
SAFT - 500gm (Industry Standard)	**>90°C**
Packaging	**500ml aerosol 17Kg disposable canister 85Kg reusable canister**
Spray pattern	**Web**
Shelf Life	**12 months from the date of manufacture**

DISCLAIMER The Information provided herein, especially recommendations for the usage and the application of this products, is provided in good faith, and no liability on the part of AFT Aerosols Ltd is stated or implied. No employee of AFT Aerosols Ltd has the authority to waive or alter in any way the content of this document. Due to different materials used, as well as to varying working conditions, production techniques, and the requirements of the end users, all of which are beyond our control, we strongly recommend that thorough and extensive trials are carried out in order to test the suitability of our products with regard to the required processes and applications. This should also include an ageing test which should be applied to all substrates used. It is also the responsibility of the purchaser and end user of this product to ensure that all appropriate actions necessary for the protection of the environment, and for the health and safety of their employees are observed. This datasheet replaces all former versions.

PRODUCT DESCRIPTION: SPYDER GRAB one of the new generation of synthetic rubber/resin adhesives. Its high solids/low solvent formula produces a quicker, stronger, more aggressive bonding system which out performs many other conventional adhesives.

SPYDER GRAB will bond many materials such as decorative laminates, foam, felt, fabrics, carpets and carpet tiles, cardboard, rubber, polythene, sheet vinyl and most plastics to themselves, and a wide variety of substrates including wood, particle board, MDF, metal, concrete, brickwork, stone, slate, glass etc; making it ideal for use in contract flooring, exhibitions, carpet laying, furniture manufacture, re-upholstering, laminating, veneering, shop fitting, joinery etc. It has a high temperature resistance in excess of 90°C, which makes it suitable for applications within coach building, vehicle, boat and caravan fitting and refurbishment, or for wherever a high temperature bond is required.

Note: SPYDER GRAB is not suitable for heavily plasticised PVC.

SPYDER GRAB is supplied in a 500ml aerosol, a disposable 17kg Canister or a re-fillable 85kg Canister. Canisters are connected by either a 3.5 metre or a 5.5 metre hose to a spray gun. This provides an easy to use, self-contained, time saving spraying system.

DIRECTIONS FOR USE: General - Always read the Safety Data Sheet (SDS). Always test the product to ensure that it is suitable for your application.

Surface Preparation: All surfaces must be clean, dry, and free from dust, grease, and any loose material. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied.

Application and bonding: Ensure that both materials to be bonded have been allowed to acclimatise to the same temperature – allow up to 48 hrs for this process. Ideally they should be bonded at temperatures between 15°C and 25°C. Spyder Grab forms its bond by adhering to itself. It is important, therefore, that sufficient adhesive is applied to both surfaces. A uniform even coat of adhesive should be applied to both surfaces to be bonded - "North/South" on one - "East/West" on the other. This will ensure an 80-100% coverage. Then allow the solvent to evaporate. When the adhesive is touch dry, bring the two dry surfaces together and press together over the entire bonded area, starting at the centre and working outwards. Tools such as a laminating roller may be used. It is important to ensure that there are no air bubbles. Drying is dependent on conditions, but the bond should be formed within 10 minutes of application. allow 24 hours for the bond to cure fully.

An evaluation of the adhesive should be carried out in application conditions before commercial use is undertaken. This should also include reference to ageing.

Canisters: Connect the spray gun to the hose ensuring that the locking nut on the gun is closed, then connect the other end of the hose to the canister and ensure all the connections are tight. Open the valve on the canister, which allows the adhesive into the hose and gun, and then open the locking nut on the gun to commence spraying.

Note: Always leave the locking nut on the canister in the open position and use the locking nut on the gun to turn off.

The valve on the canister should remain open until the canister is empty, locking this valve before then will result in the adhesive drying in the hose and gun causing blockages. Provided that the above instructions are followed, there should be no issues other than normal wear and tear. When disconnecting the hose from a used canister, immediately connect it to the replacement, and ensure that the canister valve is open. Otherwise, drying of the adhesive in the tip of the gun is the only issue. The tip is easily cleaned by removing it from the gun and soaking in any industrial solvent until the adhesive either dissolves, or softens enough to be peeled off. DO NOT try to clear the spray tip by using, for example, a pin or other sharp object.

HANDLING AND STORAGE: Whilst handling the adhesive, we advise to avoid spillage, to keep away from heat, sparks and open flames and to use the adhesive in well ventilated areas. For best results the adhesive should be used at temperatures between 15°C - 25°C.

SPYDER GRAB needs to be stored in temperatures between 10°C - 20°C, in dry, well ventilated areas and must not be exposed to direct sunlight or temperatures above 50°C.

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TACK: CARPET TILE TACKIFIER

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UKAS MANAGEMENT SYSTEMS 0026

A high performance tackifier ideal for carpet tiles with superior strength & bond.

TECHNICAL SPECIFICATION

Solvent	**Chlorinated Hydrocarbon**
Propellant	**Hydrocarbon**
Chemical Type	**Synthetic rubbers and resins**
Solids Content	**Approx 25%**
Colours	**Amber**
Viscosity - Brookfield RVT 20rpm at 25°C [mPa.s]	**Approx 100**
Relative Density (Adhesive)	**Approx 1.2**
Open Time	**Approx 15 minutes**
Temperature Resistance	**@ 50°C**
Packaging	**17Kg disposable canister**
Spray pattern	**Web**
Shelf Life	**12 months from the date of manufacture**

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PRODUCT DESCRIPTION: SPYDER TACK canister adhesive is probably the quickest and most convenient method of applying a carpet tile tackifier. It is designed to provide an exceptionally high tack which will hold all types of carpet tile, yet will allow release when required.

SPYDER TACK is designed to bond carpet tiles to a wide range of substrates, including wood metal and concrete, OSB Board, hardboard, ceramic, and existing non-cushion backed resilient floors. The canister system of application has little or no wastage, and is considerably faster than applying more traditional trowelling adhesives.

Note: SPYDER TACK is not suitable for heavily plasticised PVC.

SPYDER TACK is supplied in a disposable 17kg Canister. Canisters are connected by either a 3.5 metre or a 5.5 metre hose to a spray gun. This provides an easy to use, self-contained time saving spraying system.

DIRECTIONS FOR USE: General - Always read the Safety Data Sheet (SDS). Always test the product to ensure that it is suitable for your application.

Surface Preparation: All surfaces must be clean, dry, and free from dust, grease, and any loose material, and from any wax, polish and cleaners etc. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied.

Application and bonding: SPYDER TACK is designed to be a one way stick system. A uniform even coat of adhesive should be applied to one of the surfaces to be bonded –then allow the solvent to evaporate. Porous substrates may require two coatings. When the solvent has evaporated, the adhesive will be tacky; bring the two surfaces together and press firmly together, working from the centre outwards, paying particular attention to the edges. Drying is dependent on conditions, but the bond should be formed within 10 minutes of application. Allow 24 hours for the bond to cure fully.

An evaluation of the adhesive should be carried out in application conditions before commercial use is undertaken. This should also include reference to ageing.

Canisters: Connect the spray gun to the hose ensuring that the locking nut on the gun is closed, then connect the other end of the hose to the canister and ensure all the connections are tight. Open the valve on the canister, which allows the adhesive into the hose and gun, and then open the locking nut on the gun to commence spraying.

Note: Always leave the locking nut on the canister in the open position and use the locking nut on the gun to turn off.

The valve on the canister should remain open until the canister is empty, locking this valve before then will result in the adhesive drying in the hose and gun causing blockages. Provided that the above instructions are followed, there should be no issues other than normal wear and tear. When disconnecting the hose from a used canister, immediately connect it to the replacement, and ensure that the canister valve is open. Otherwise, drying of the adhesive in the tip of the gun is the only issue. The tip is easily cleaned by removing it from the gun and soaking in any industrial solvent until the adhesive either dissolves, or softens enough to be peeled off. DO NOT try to clear the spray tip by using, for example, a pin or other sharp object.

HANDLING AND STORAGE: Whilst handling the adhesive, we advise to avoid spillage, to keep away from heat, sparks and open flames and to use the adhesive in well ventilated areas. For best results the adhesive should be used at temperatures between 15°C - 25°C.

SPYDER TACK needs to be stored in temperatures between 10°C - 20°C, in dry, well ventilated areas and must not be exposed to direct sunlight or temperatures above 50°C.

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ULTRA GRAB:

Certified 1121/2021
164.112/1121/WCL MER0541TE

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UKAS MANAGEMENT SYSTEMS 0026

IMO MARINE CERTIFIED HIGH TEMP CONTACT ADHESIVE

TECHNICAL SPECIFICATION

Solvent	**Chlorinated Hydrocarbon**
Propellant	**Hydrocarbon**
Chemical Type	**Synthetic rubbers and resins**
Solids Content	**Approx 30%**
Colours	**Amber/Clear**
Viscosity - Brookfield RVT 20rpm at 25°C [mPa.s]	**Approx 500**
Relative Density (Adhesive)	**Approx 1.2**
SAFT - 500gm (Industry Standard)	**>90°C**
SAFT - 100gm	**>100°C**
Fire Rating	**Class 1**
Packaging	**500ml aerosol 17Kg disposable canister 85Kg reusable canister**
Spray pattern	**Web**
Shelf Life	**12 months from the date of manufacture**

PRODUCT DESCRIPTION: SPYDER ULTRA GRAB one of the new generation of synthetic rubber/resin adhesives. Its high solids/low solvent formula produces a quicker, stronger, more aggressive bonding system which out performs many other conventional adhesives.

It conforms to the Marine Equipment Directive 96/98/EC, is Wheelmark Approved, and is therefore authorised and approved for use in the Marine Industry.

SPYDER ULTRA GRAB has been specifically developed to conform to the stringent standards required for boat fitting and refurbishment. It will bond many materials such as decorative laminates, foam, felt, fabrics, carpets and carpet tiles, cardboard, rubber, polythene, sheet vinyl and most plastics to themselves, and a wide variety of substrates including wood, particle board, MDF, metal, concrete, brickwork, stone, slate, glass etc; making it ideal for use in contract flooring, exhibitions, carpet laying, furniture manufacture, re-upholstering, laminating, veneering, shop fitting, joinery etc. It has a high temperature resistance in excess of 90°C, which makes it suitable for applications within coach building, vehicle, and caravan fitting and refurbishment, or for wherever a high temperature bond is required.

Note: SPYDER ULTRAGRAB is not suitable for heavily plasticised PVC.

SPYDER ULTRAGRAB is supplied in a 500ml aerosol, a disposable 17kg Canister or a re-fillable 85kg Container. Canisters are connected by either a 3.5 metre or a 5.5 metre hose to a spray gun. This provides an easy to use, self-contained time saving spraying system.

DIRECTIONS FOR USE: General - Always read the Safety Data Sheet (SDS). Always test the product to ensure that it is suitable for your application.
Surface Preparation. All surfaces must be clean, dry, and free from dust, grease, and any loose material. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied.

Application and bonding: Try to ensure that both materials to be bonded have been allowed to acclimatise to the same temperature. Ideally they should be bonded at temperatures between 15°C and 25°C. An even coat of adhesive should be applied to both surfaces to be bonded, and allow the solvent to evaporate. Drying is dependent on conditions, but the bond should normally be made within 10 minutes of application. Bring the two dry surfaces together and press together over the entire bonded area, starting at the centre and working outwards. It will take 24 hours to cure fully.

An evaluation of the adhesive should be carried out in application conditions before commercial use is undertaken, this should also include reference to ageing.

Canisters: Connect the spray gun to the hose ensuring that the locking nut on the gun is closed, then connect the other end of the hose to the canister and ensure all the connections are tight. Open the valve on the canister, which allows the adhesive into the hose and gun and then open the locking nut on the gun to commence spraying.

Note: Always leave the locking nut on the canister in the open position and use the locking nut on the gun to turn off.

The valve on the canister should remain open until the canister is empty, locking this valve before then will result in the adhesive drying in the hose and causing blockages. Provided that the above instructions are followed, there should be no issues other than normal wear and tear. It is important to keep the canister valve open so as to prevent solidification of the adhesive within the hose and gun. When disconnecting the hose from a used canister, immediately connect it to the replacement, and ensure that the canister valve is open. Otherwise, drying of the adhesive in the tip of the gun is the only issue. The tip is easily cleaned by removing it from the gun and soaking in any industrial solvent until the adhesive either dissolves, or softens enough to be peeled off.

HANDLING AND STORAGE: Whilst handling the adhesive, we advise to avoid spillage, to keep away from heat, sparks and open flames and to use the adhesive in well ventilated areas. For best results the adhesive should be used at temperatures between 15°C - 25°C.

SPYDER ULTRA GRAB needs to be stored in temperatures between 10°C - 20°C, in dry, well ventilated areas and must not be exposed to direct sunlight or temperatures above 50°C.

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SPYDER FAST GRIP: CLEAR

TYPICAL CHARACTERISTICS

Chemical base	**Polyurethane**
Colour	**Transparent**
Curing mechanism	**Moisture**
Density	**1.13 ± 0.03 g/cm³**
Skin formation time	**5-10 minutes**
Pressing time	**15-20 minutes**
Application temp	**+5-+35°C**
Temp resistance	**-30 - +80°C**
Standard	**Conforms to D4 according DIN EN 204**
Packaging	**310ml tube**
Manufacturing standard	**ISO 9001:2015**

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DESCRIPTION

SPYDER FAST GRIP is a single component, fast curing polyurethane-based adhesive. It combines high bond strength with fast curing. It is used to bond almost all common building materials. The water resistance property makes it very good at bonding wooden surfaces where water can be an issue. It is fast curing, non shrinking, thixotropic, and is usable in slightly wet conditions. It has good filling properties, and has good weathering resistance.

RECOMMENDED USE

Suitable for the use in construction and repair applications where a permanent bond is required between porous/porous and porous/non-porous surfaces. Bonding wooden surfaces on areas where there is a constant moisture and water contact risk. It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene, Pu foam, marble, etc...

METHOD

- Can be applied with manual or pneumatic gun.
- The substrate must be dry and clean, free of dust and grease.
- Moistening the substrates slightly improves the adhesion.
- Do not apply the product at temperature below +5°C.
- **SPYDER FAST GRIP** should only be applied on one side.
- Mechanical fasteners must be used to keep the material together at least between 15-20min, while adhesive is curing completely.

IMPORTANT

Always read the Safety Data Sheet before use.

STORAGE

Store in a cool dry well ventilated area at between 5-25°C.

SHELF LIFE

12 months if stored between from the date of manufacture.

CLEANING

Tools can be cleaned with SOLVENT CLEANER whilst SPYDER FASTGRIP is still wet and mechanically once dry.

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S-CPT CARPET ADHESIVE

A Fast Grab Acrylic based Multi-Purpose Adhesive for bonding carpets and vinyls. Offering excellent resistance to heat & PVC plasticisers.

Suitable for use over normal underfloor heating systems, bonding carpets including needle punch/fibre bonded, hessian backed, felt back, gel back, synthetic & PVC backed carpets & bonding a wide range of PVC, vinylsafety flooring & CV floor coverings in sheets or tiles on absorbent & smoothed substrates.

TECHNICAL DATA:	
Container size:	5kg and 15kg plastic buckets
Shelf life:	12 months
Storage:	Store between 5˚C and 30˚C (protect from frost)
Colour:	Off white
Coverage:	Up to 4m² per 1ltr (A2 trowel)
Open time:	10 - 30 minutes*
Working time approx.:	20 Minutes*
Minimum application temperature:	15 ˚C at ground level
Loadable after approx.:	24-48 hours*
Joint sealing after:	48 hours*
Final strength after approx.:	3 days*

*At 20 ˚C and 65% relative humidity, depending on the type of floor covering & the absorbency of the substrate.

SUBFLOOR PREPARATION: All parts of the installation should comply with the latest edition of the following British Standard Code of Practice: BS8203– Installation of resilient floorcoverings or BS5325 The Installation of Textile Floorcoverings. Suitable subfloors include concrete, sand/cement screed, smoothing underlayment, and flooring grade plyboard. The subfloor must be sound, load bearing, level, dry, free from cracks, clean and free from material which would impair adhesion (e.g. dirt, oil, grease). The surface must be vacuumed, primed, and smoothed thoroughly. Very absorbent subfloors should be primed with a Universal Primer.

UNDERFLOOR HEATING: Underfloor heating systems should be commissioned in accordance with the heating manufacturer's instructions before installation. The underfloor heating system should be stabilised at room temperature, but not below 15˚C, before installing the floorcovering. After installation allow 48 hours of constant temperature for the adhesive to fully cure before slowly increasing the temperature up to the normal operating temperature of the area. This adhesive is suitable for use over underfloor heating, however, if a floor covering is being installed in areas with extreme temperatures, for example, a south facing building with large windows which could magnify the temperature, a polyurethane adhesive is recommended. If in doubt, please consult our Technical Department.

APPLICATION: Allow adhesive to reach room temperature before use. Before bonding floor coverings must be adequately acclimatised and free from tension and must be adapted to the common indoor climate for future use. Optimum work conditions are 18 – 25 ˚C with a floor temperature above 15 ˚C and relative air humidity below 65 %. Low temperatures and high air humidity lengthen, whilst high temperatures and low air humidity shorten the drying time. Apply the adhesive uniformly with an appropriate notched trowel at 60˚ to an area of such size that the floorcovering can be laid whilst the adhesive is receptive and gives good transfer. Once the installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller. This is to remove any air and ensure good all adhesive contact. A second rolling is recommended approximately 1 hour later to ensure a strong bond is established. Remove adhesive residues with water while still wet.

HEALTH AND SAFETY PRECAUTIONS: Refer to Safety Data Sheet and follow the advice given. Ensure area of use is well ventilated. Avoid prolonged contact with skin and if sensitive, use barrier cream or gloves. In case of contact with eyes, mouth or nose, rinse with plenty of water and seek medical help. If adhesive is spilled, remove, and dispose of it according with national and local regulations for waste materials.

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S-HTA FIBRE-REINFORCED HIGH TEMP ADHESIVE

Is a fibre-reinforced low VOC wet-lay adhesive with great grab & excellent adhesion/cohesion. It offers excellent coverage with high shear-resistance & excellent resistance to heat & PVC plasticisers. Suitable for use over normal underfloor heating systems & for the bonding of Luxury Vinyl Tiles (LVT), for PVC & CV floor coverings in sheets or tiles on absorbent & smoothed substrates.

TECHNICAL DATA:	
Container size:	5kg and 15kg plastic buckets
Shelf life:	12 months
Colour:	Off white
Coverage:	Up to 4m² per 1ltr (A2 trowel)
Open time sheets:	5 - 25 minutes*
Open time tiles / planks:	0 - 25 minutes*
Working time approx.:	20 Minutes*
Minimum application temperature:	15 ˚C at ground level
Loadable after approx.:	24-48 hours*
Joint sealing after:	24-48 hours*
Final strength after approx.:	3 days*

*At 20 ˚C and 65% relative humidity, depending on the type of floor covering & the absorbency of the substrate.

SUBFLOOR PREPARATION: All parts of the installation should comply with the latest edition of the British Standard Code of Practice: BS8203 – Installation of resilient floor coverings. The subfloor must be sound, load bearing, level, dry, free from cracks, clean and free from material which would impair adhesion (e.g. dirt, oil, grease). The surface must be vacuumed, primed, and smoothed thoroughly. Please note: This is a wet-lay adhesive, so the floor covering must be laid while the adhesive is still receptive. Late placement will result in no bond being formed.

UNDERFLOOR HEATING: Underfloor heating systems should be commissioned in accordance with the heating manufacturer's instructions before installation. The underfloor heating system should be stabilised at room temperature, but not below 15˚C, before installing the floorcovering. After installation allow 72 hours of constant temperature for the adhesive to fully cure before slowly increasing the temperature up to the normal operating temperature of the area.

APPLICATION: Allow adhesive to reach room temperature before use. Before bonding floor coverings must be adequately acclimatised and free from tension and must be adapted to the common indoor climate for future use. Optimum work conditions are 18 – 25 ˚C with a floor temperature above 15˚C and relative air humidity below 65 %. Low temperatures and high air humidity lengthen, whilst high temperatures and low air humidity shorten the drying time. Apply the adhesive uniformly with an A2 notched trowel at 60˚ to an area of such size that the floorcovering can be laid whilst the adhesive is receptive and gives good transfer. Once the installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller. This is to remove any air and ensure good all adhesive contact. A second rolling is recommended approximately 1 hour later to ensure a strong bond is established. This is a wet-bond adhesive so severe roll-end deformation, buckling or squeeze wrinkles, edges sticking up to an extreme degree or covering curvature must be loaded during bonding. This adhesive can be used in areas subject to high temperatures, however, if a floor covering is being installed in areas with extreme temperatures, a polyurethane adhesive is recommended. If in doubt, please consult our Technical Department.

HEALTH AND SAFETY PRECAUTIONS: Refer to Safety Data Sheet and follow the advice given. Ensure area of use is well ventilated. Avoid prolonged contact with skin and if sensitive, use barrier cream or gloves. In case of contact with eyes, mouth or nose, rinse with plenty of water and seek medical help. If adhesive is spilled, remove, and dispose of it according with national and local regulations for waste materials.

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S-PSA PRESSURE SENSITIVE ADHESIVE

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Is a Fast Grab Acrylic based Pressure Sensitive Adhesive for bonding vinyl flooring, safety flooring, sheet rubber, cork and dimensionally stable LVT. It can also be used to install carpets with PVC, gel foam & felt backings. It can be used as a wet-bond, pressure sensitive or contact adhesive onto absorbent substrates and as a pressure sensitive or contact adhesive on non-absorbent substrates.

TECHNICAL DATA:	
Container size:	5kg & 14kg plastic buckets
Shelf life:	12 months
Colour:	Off white
Coverage:	Up to 4m² per 1ltr (A2 trowel)
Open time:	30 minutes*
Open time tiles / planks:	0 - 25 minutes*
Working time approx.:	30 Minutes* - Wet Bond 30 to 60 Minutes* - Pressure Sensitive Up to 24 hours (if free from contamination) - Contact Adhesive
Minimum application temp:	15˚C at ground level
Loadable after approx.:	24-48 hours*
Joint sealing after:	24-48 hours*
Final strength after approx.:	72 hours*
Storage:	Store between 5˚C & 30˚C (protect from frost)

***At 20 ˚C & 65% relative humidity, depending on the type of floor covering & the absorbency of the substrate.**

S-PSA Pressure Sensitive Adhesive offers excellent resistance to heat and PVC plasticisers and is suitable for use over normal underfloor heating systems.

SUBFLOOR PREPARATION: All parts of the installation should comply with the latest edition of the following British Standard Code of Practice: BS8203 – Installation of resilient floorcoverings or BS5325 The Installation of Textile Floorcoverings. Suitable subfloors include concrete, sand/cement screed, smoothing underlayment, and flooring grade plyboard. The subfloor must be sound, load bearing, level, dry, free from cracks, clean and free from material which would impair adhesion (e.g. dirt, oil, grease). The surface must be vacuumed, primed, and smoothed thoroughly. Very absorbent subfloors should be primed with a Universal Primer.

UNDERFLOOR HEATING: Underfloor heating systems should be commissioned in accordance with the heating manufacturer's instructions before installation. The underfloor heating system should be stabilised at room temperature, but not below 15˚C, before installing the floorcovering. After installation allow 48 hours of constant temperature for the adhesive to fully cure before slowly increasing the temperature up to the normal operating temperature of the area. This adhesive is suitable for use over underfloor heating, however, if a floor covering is being installed in areas with extreme temperatures, for example, a south facing building with large windows which could magnify the temperature, a polyurethane adhesive is recommended. If in doubt, please consult our Technical Department.

APPLICATION: Allow adhesive to reach room temperature before use. Before bonding floor coverings must be adequately acclimatised and free from tension and must be adapted to the common indoor climate for future use. Optimum work conditions are 18 – 25 ˚C with a floor temperature above 15 ˚C and relative air humidity below 65 %. Low temperatures and high air humidity lengthen, whilst high temperatures and low air humidity shorten the drying time. WET BOND: Apply the adhesive uniformly with an appropriate notched trowel at 60˚ to an area of such size that the floorcovering can be laid whilst the adhesive is receptive and gives good transfer.

PRESSURE SENSITIVE: Apply the adhesive as with a wet bond. Lay into the adhesive while the adhesive has a slight tack (normally 30 to 60 minutes). To reduce to effect of shadowing, the adhesive should be smoothed out whilst wet with a paint roller that has been prewetted with adhesive. Lay into the adhesive while the adhesive.

CONTACT ADHESIVE: Apply the adhesive to both surfaces to be bonded by brush or roller. Allow the adhesive to completely dry before bringing the 2 surfaces together. Please note an immediate bond will be created once the surfaces meet. Once the installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller. This is to remove any air and ensure good all adhesive contact. A second rolling is recommended approximately 2 hours later to ensure a strong bond is established. *Please note that a laying into the adhesive wet will result in a stronger final bond on porous subfloors* Remove adhesive residues with water while still wet.

HEALTH AND SAFETY PRECAUTIONS: Refer to Safety Data Sheet and follow the advice given. Ensure area of use is well ventilated. Avoid prolonged contact with skin and if sensitive, use barrier cream or gloves. In case of contact with eyes, mouth or nose, rinse with plenty of water and seek medical help. If adhesive is spilled, remove, and dispose of it according with national and local regulations for waste materials.

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S-TAK CARPET TILE TACKIFIER

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UKAS MANAGEMENT SYSTEMS 0026

Is a Very Low VOC (Emicode EC1 Plus) modified acrylic emulsion adhesive. It is designed to provide a permanently tacky film for the positive holding of "loose-lay" carpet tiles but to enable them to be lifted & replaced easily when required. The adhesive is easy to apply by either roller or brush. It is non-staining, resistant to plasticiser migration, suitable for use over normal underfloor heating systems & will withstand normal wet cleaning techniques.

TECHNICAL DATA:	
Container size:	5kg & 20kg plastic Jerrycans
Type:	Acrylic Emulsion
Colour:	Off white
Viscosity:	Approx. 4,000 cps at 20˚C - roller or brush apply
Coverage:	Up to 10m² per 1ltr on porous subfloors & 20m² on non-porous subfloors
Open Time:	Not applicable. However, dried surface of adhesive must be kept free from contamination until flooring has been placed
Storage:	Store between temperatures of 5˚C and 30˚C
Shelf Life:	12 months in unopened containers, stored in recommended conditions

CLEANING: Tools should be cleaned with water whilst the adhesive is wet. Use hot water or Solvent Cleaner should the adhesive dry. Do not use on the skin. *Health & Safety Sheets available on request.*

USES: S-TAK can be used to install the following: Carpet Tiles and fibrebonded/needlepunch Tiles backed with: PVC, bitumen/felt or nonwoven fabric, pvc/glassfibre, hessian, APP and other polymer backings including polyurethane. CAUTION: laying tiles before the adhesive has completely dried can result in a permanent bond being formed.

SUBFLOORS/WALLS: underlayment, plyboard, flooring grade chipboard, hardboard, wood and existing well bonded resilient flooring. **There are certain grades of floor/wall board that have been treated with paraffin wax to provide a waterproof quality. There are also other types floor/wall boards in use that have been treated, e.g. moisture proofing, preservatives and fire retardants. These types of boards are not suitable with this adhesive. Please always check the floor/wall board in use at each installation. Please contact the office for technical information. With existing well bonded resilient flooring care must be taken to ensure the subfloor under the resilient flooring is sound and the surface of the resilient flooring is thoroughly cleaned of any polish etc. If this cannot be done, the existing resilient flooring must be removed and the subfloor made good before proceeding.

PREPARATION: All parts of the installation should comply with the latest edition of the following British Standard Code of Practice: BS5325 The Installation of Textile Floorcoverings or BS8203 The Installation of Resilient Floorcoverings. Another useful source of reference is The C F A Guide to Contract Flooring. Subfloors must be sound, smooth, clean, dry and free from any contamination which will affect adhesion. Relative humidity of cementitious subfloors should be 75% or less (when tested by method described in BS 8203). Direct to earth bases must incorporate an effective damp proof membrane. Underfloorheating must be switched off for 48 hours before and after the installation. Very absorbent surfaces should be primed with a Universal Primer.

APPLICATION: For best results a minimum temperature of 18˚C (65˚F) should be maintained for the installation. A brush or paint roller should be used to apply an even coating of the adhesive over the area to be covered. On metal access floors care must be taken to keep adhesive out of the joins between panels. This is best achieved by applying the adhesive from a tray. Any tools used should be cleaned with water immediately after use and whilst the adhesive is still wet. Allow to dry to a clear tacky film before placing any of the tiles in position. This will take on average about 30 minutes. The time will vary with temperature, humidity, subfloor porosity and amount of adhesive applied. Airflow over the surface will reduce drying time. CAUTION: Laying tiles before the adhesive has completely dried can result in a permanent bond being formed. A bond will form immediately the tile is placed. When installation is complete a weighted roller or glider should be applied to ensure good overall contact has been established and no air bubbles remain.

HEALTH & SAFETY PRECAUTIONS: Refer to Material Safety Data Sheet and follow the advice given. Ensure area of use is well ventilated. Avoid prolonged contact with skin and if sensitive, use barrier cream or gloves. In case of contact with eyes, mouth or nose, rinse with plenty of water and seek medical help.

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S-VYL VINYL ADHESIVE

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Is a SOLVENT FREE acrylic emulsion based adhesive. This easy to spread adhesive, with long open time, provides early tack & minimum slip, quickly building to a strong permanent bond. It is non-staining, has excellent resistance to plasticiser migration & is suitable for use over normal underfloor heating installations.

TECHNICAL DATA:	
Container size:	5kg & 15kg Plastic Buckets
Shelf life:	12 months
Colour:	Off white
Coverage:	Up to 4m² per 1ltr depending on trowel used
Open time:	Up to 1 hour depending on temperature, humidity, subfloor porosity & trowel used
Viscosity:	Approx 45,000 cps at 20˚C - trowel apply
Storage:	Store between temperatures of 5˚C & 30˚C

USES: S-VYL can be used to install the following: Hard/Resilient Floorcoverings: Vinyls: Sheet, tiles, cushion and other vinyl backed floorcoverings including mineral felt backed vinyls. Carpets: PVC backed, polyurethane foam backed and many other carpets and needle punch/fibrebonded carpets where a solvent free system is specified.

SUBFLOORS/WALLS: Suitable subfloors include concrete, sand/cement screed, smoothing underlayment, plyboard, flooring grade chipboard, hardboard, wood and existing well bonded resilient flooring. **There are certain grades of floor/wall board that have been treated with paraffin wax to provide a waterproof quality. There are also other types floor/wall boards in use that have been treated, e.g. moisture proofing, preservatives and fire retardants. These types of boards are not suitable with this adhesive. Please always check the floor/wall board in use at each installation. Please contact the office for technical information. With existing well bonded resilient flooring care must be taken to ensure the subfloor under the resilient flooring is sound and the surface of the resilient flooring is thoroughly cleaned of any polish etc. If this cannot be done, the existing resilient flooring must be removed and the subfloor made good before proceeding.

PREPARATION: All parts of the installation should comply with the latest edition of the following British Standard Code of Practice: BS8203 The Installation of Resilient Floorcoverings or BS5325 The Installation of Textile Floorcoverings. Another useful source of reference is The CFA Guide to Contract Flooring. Subfloors must be sound, smooth, clean, dry and free from any contamination which will affect adhesion. Relative humidity of cementitious subfloors should be 75% or less (when tested by method described in BS 8203). Direct to earth bases must incorporate an effective damp proof membrane. Underfloor heating must be switched off for 48 hours before and after the installation. Very absorbent surfaces should be primed with a Universal Primer.

APPLICATION: For best results a minimum temperature of 18˚C (65˚F) should be maintained for the installation. An appropriate V notched trowel should be used to apply the adhesive evenly. For vinyls and other smooth backed floorcoverings a 1.5mm x 5.0mm or A2 trowel is recommended, whilst a 2.0mm x 6.0mm or B1 trowel should be selected for floorcoverings with a more profiled back. Trowels should be cleaned after use with water whilst the adhesive is still wet. Apply the adhesive evenly to an area of such a size that the floorcovering can be laid whilst the adhesive is receptive and gives good transfer. On absorbent surfaces lay the floorcovering immediately or in the case of tiles after 10-15 minutes (this reduces the slip). On non-absorbent surfaces allow the adhesive to develop a tack or, for sheet goods, employ a "double drop" technique to reduce the waiting time before laying. To reduce the effect of shadowing on some vinyls, it is recommended that the adhesive is smoothed out whilst wet with a paint roller that has been pre-wetted with adhesive. Once installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller (on carpets use a weighted glider). This is to remove any trapped air and ensure good all over adhesive contact. A second rolling (or gliding) is recommended approximately 1 hour later to ensure a strong bond is established.

CLEANING: Tools should be cleaned with water whilst the adhesive is wet. Use hot water or a Solvent Cleaner should the adhesive dry. Do not use on the skin Health and Safety Sheets available on request.

HEALTH & SAFETY PRECAUTIONS: Refer to Material Safety Data Sheet and follow the advice given. Ensure area of use is well ventilated. Avoid prolonged contact with skin and if sensitive, use barrier cream or gloves. In case of contact with eyes, mouth or nose, rinse with plenty of water and seek medical help. If adhesive is spilled, remove and dispose of it in accordance with national and local regulations for waste materials.

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