

Lockfast Duracryl - Vinyl Flooring Adhesive

Duracryl is a pure acrylic, waterbased adhesive for vinyl (PVC) floorings. It is guaranteed for most types of sheet vinyl flooring. It exhibits a very high bond strength and early adhesion development, essential for the efficient installation of sheet materials. It is non-staining and is resistant to the effects of plasticiser migration from PVC materials. [Unicryl](#) is a new grade.

[Lockfast Supacryl](#) is a solvent free vinyl adhesive. It is pure white, non-staining and guaranteed for all vinyls.

Lockfast Super 7 - Carpet and Tile Adhesive

Super 7 is a synthetic rubber based adhesive used for the installation of carpet, carpet tiles and vinyl composite tiles. Super 7 finds use for the direct stick (i.e. adhesion) of carpet. This installation method is rapidly increasing in popularity, particularly in commercial and retail situations. This installation method increases carpet life by preventing carpet wrinkles and excessive stretching movements under foot and wheeled traffic.

The "double stick system" for carpet over underlay is also rapidly increasing for the same reasons outlined above.

1. (a) Underlay adhered using Super 7.
(b) Carpet adhered to underlay using Ultrabond (or DDs).
This method is used to install carpets that have hessian backing.
2. (a) Underlay adhered using Super 7.
(b) Carpet adhered to underlay using Tradex 100. This method is more suitable for synthetic "action-bac" backed carpets and woven carpets.

The correct coverage rates are essential to obtain a firm bond. Super 7 also finds extensive use as the adhesive for the installation of composite vinyl tiles. Many vinyl tile floors in supermarkets throughout New Zealand have been installed using Super 7 adhesive. Super 7 has a "pressure sensitive nature" i.e. sticky when dry. Vinyl tile installations are achieved quickly by allowing the adhesive to become tacky, followed by direct tile installation. Super 7 is a "top of the line" flooring adhesive. It is used extensively throughout New Zealand for normal installations but also where a tile or carpet is of an unusual nature. Follow the floor contractors code and "if in doubt, use Super 7!"

Lockfast Ultrabond - Commercial Vinyl and Carpet Adhesive

Ultrabond is the contractors premier adhesive for rapid, fail safe installations of commercial homogeneous vinyl and carpet.

Ultrabond is a natural rubber latex based adhesive with excellent tack properties. It develops very early strength and has resilience to cope with movement in floors and coverings.

Ultrabond is used to install commercial homogeneous vinyl floorings, rigid vinyl tiles and carpet and underlay. Ultrabond is the best adhesive for installing carpet to underlay (refer Super 7 article). Ultrabond forms a tough yet flexible bond that is resistant to the countless movements that carpet to underlay bond must endure for long life.

Ultrabond is heat resistant and will not soften under warming temperatures. This aids installations on vertical surfaces where the softening of adhesives sometimes results in adhesive failures.

C8 - Carpet Adhesive

C8 is an economical carpet adhesive for jute backed or foam backed carpets. It is rubber latex based with good tack properties.

DDS - Carpet Adhesive

This is a solvent free direct or double stick adhesive.

Tradex Plus

This adhesive is intended to bond action back carpet direct to subfloors. It has a very low water content. It is ideal for stiff carpets and also cold, damper conditions (not wet floors).

Waterproofing - Aquaguard 101

Wet floors (or walls) are a major cause of floor covering failure. Floors that have no damp proof course (DPC) allow moisture to rise and adhesive failure occurs; particularly where there is active hydrostatic pressure, i.e. the floor level is below moisture table level.

Aquaguard 101 can be applied on to a damp surface to prevent moisture entering. Aquaguard 101 is applied on the inside surface as distinct from most other waterproofing products. It is a waterbased epoxy coating and is resistant to 40 psi external water pressure (28 metre head of water). Musty, damp odours are usually caused by a non-pressure but wet moisture source. Coating with Aquaguard 101 will prevent this.

Floor Sealing - Duraseal

Particle board (once sanded) and dry concrete floors actively absorbs moisture from the adhesive and markedly reduce the working time of the adhesives, sometimes resulting in failures. Sealing the floor with Duraseal before adhesive application ensures correct working time, binds the substrate surface layer and dust and increases the adhesive spread rate.

Floor Priming - Neoprime

Neoprime functions to prevent some latex adhesives from peeling from dry concrete floors. It is also an excellent primer over painted or glazed ceramic tiles before application of levelling compounds. Neoprime is also used as a primer for levelling compounds.

Floor Levelling Compounds (FLC)

Floor levelling is a basic prerequisite before the adhesive installation of floor coverings. Floor levelling provides a sound, level base for the long life of a flooring product. Even the slightest unevenness in a substrate floor will be "telegraphed" through a floor covering. This is not only visually unacceptable but it also becomes a weak point for subsequent floor covering failure. Even carpet installations have a basic floor levelling to ensure a level, sound base. Floor levelling compounds are generally two part products consisting of a cement based plaster and a synthetic polymer emulsion. When mixed correctly they are trowel applied and disc sanded. The polymer component gives flexibility and adhesion in the thin films that are applied to level floors. They may be feather edged. Most are limited to 3-5mm per application. Floor levelling compounds are encompassed in the whole area of surface preparation which, as in painting, is essential to good adhesion and long floor covering life. This may entail concrete preparation, degreasing, vacuuming, moisture proofing, removal of old adhesives, crack sealing and concrete joint sealing. Floor levelling compounds are often used to cover old adhesives which are extremely difficult to remove. Floor levelling compounds are described fully in a separate brochure.

However the types are listed below:

Lockfast FLC	- Standard grade
Lockfast Durabond Superfine	- Fine grade
Lockfast Matrix	- Fine finish
Lockfast Screed 20 FLC	- 4-20mm in a single application
Hardfast	- Plaster based, quick set product, low traffic areas only
Superflo	- Self levelling product
Floroc	- Economic levelling product
Toproc	- Industrial levelling product
Superset	- Towel grade, rapid set
Ultrafinish	- Flushing compound

Most flooring installations, both domestic and commercial, use floor levelling compounds. Lockfast products are used extensively in these vital areas.

Contact Adhesives

Contact adhesives are used widely in the flooring industry where instantaneous adhesion is required, e.g. vertical surfaces and areas where downtime is limited. Contact adhesives require adhesive applied to both surfaces before installation.

Lockfast CB103 is a brush or roller grade contact adhesive for carpet, vinyl, vinyl coverings and laminates. It has high bond strength and good working time.

Lockfast CS110 is a spray grade contact adhesive for commercial application for the installation of carpets and sheet vinyl materials. Contact adhesives offer speed of application and a tough yet resilient bond. They are solvent based products.

Cork and Timber Flooring Adhesives

Lockfast adhesives provide a range of solutions for the bonding of timber based floors. These products offer a different range of challenges in that timber products are natural products and have natural variations in composition. They also change shape and dimensions in ambient humidities.

Tradex 100 is a water-based natural Latex adhesive with a low water content to aid easy tile installation. This product is superseding spirit based adhesives that employ chemical solvents. Spirit base adhesive is available as the traditional adhesive for cork installation. This adhesive is also used to bond linoleum.

Lockfast Timber and Parquet Adhesive is a PVA adhesive with a low water content for parquet installation. It sets quickly yet has a good open time and a flexible bond to allow timber movement. Also laminates sheets of particle board. Best for timber to timber installations.

Flexibond is for the installation of modern natural timber planking and parquet. It has a zero moisture content, is tough and resilient. Its prime advantage is its gap filling property to prevent "drumming" noises on long plank lengths. Best for timber to concrete applications.

Carpet and Vinyl Installation Products

- Foam Underlay - agents for Dunlop polyurethane foam underlays.
- Carpet Gripper - for perimeter fixing.
- Carpet and vinyl tools - all types from QEP/Roberts
- Carpet seam bonding tapes.
- Nails and staples.

Vinyl Flooring

Nuplex are the New Zealand agents for a broad range of commercial vinyls.

- Marley (UK) Vinyl flooring
- Armstrong Commercial Flooring
- Altro Commercial Safety Flooring

Miscellaneous Products

Duraspray is a spray grade acrylic adhesive for the installation of carpet and underlay.

RMA-86 is an acrylic adhesive for the installation of PVC backed carpet tiles. This adhesive fixes the tile in place but allows peel up for subfloor access (e.g. raised floors) or for individual tile replacement. This is the only recommended adhesive for the Feltex Modular tile system.

Truestik EA is an epoxy adhesive for rubber tiles or sheeting e.g. Pirelli or Mondo tiles and Norament sheet rubber flooring. It will bond to a damp surface and is resistant to moisture and heat.

Moisture Cured Polyurethane is supplied as M7. M8 is the high solids version. Revathane is the non yellowing grade. **Aqua clear** is the waterborne polyurethane for timber flooring.

Nuplex Epoxy Adhesives, grout and mortars are manufactured and marketed by Nuplex Industries Ltd. These adhesives offer unsurpassed performance properties for the building and construction markets.