



Jaymart

**Bladerunner
& Solerunner
Installation/
maintenance
Guide**

Jaymart Flooring Installation Guidelines

Bladerunner Indoor Installation

A. Subfloor Preparation

The objective of subfloor preparation is to create a surface which is dry, rigid, smooth, level, dimensionally stable and which provides a suitable finish to maximise adhesion.

In order to achieve a satisfactory installation of Bladerunner flooring, it is essential that the subfloor is correctly finished in accordance with British Standard code of practice CP102, BS8203, BS5325 and subsequent and future amendments. In particular:-

1. Old floor coverings, paint and adhesives should be removed.
2. Concrete subfloors must be dry. ie.: relative humidity should not exceed 75% when measured with an Edney Hygrometer.
3. Propriety flooring screed should be used in accordance with the manufacture's instructions. Jaymart recommends the use of suitable Ardex UK Ltd. screeding compounds. (telephone 01440 714939).
4. Subfloors which are direct to earth should be protected by a damp proof membrane. If in doubt over whether such a membrane has previously been installed, Tretobond ES3000, or similar surface applied damp proof membrane should be used in accordance with the manufacturer's instructions.
5. The surface of the sub floor should be smooth, level, clean, dry, and free of all defects.
6. Suspended timber board floors and chipboard floors should be made sound, and for maximum rigidity, 6mm flooring grade plywood nailed down with ring shank nails or equivalent fixings at 4" intervals around the edge of each sheet, and at 6" intervals throughout the rest of the sheet. The nail heads must not protrude above the surface of the plywood.
7. It is not recommended to install Bladerunner floorcoverings on woodblock floors, or Asphalt or Bitumen subfloors.
8. Metal subfloors should be rigid, bare and abraded. Installers wishing to install Bladerunner flooring on coated metal surfaces should confirm with the coating manufacturer it's suitability as an underlay, bearing in mind the adhesive to be used.

B. Adhesive Selection

Jaymart supply various adhesives suitable for installing the Bladerunner range. The correct selection of adhesive depends upon the conditions to which the floor will be subjected, following installation, and also the type of floor being installed. PU2000 polyurethane is the preferred adhesive.

"PU2000" polyurethane adhesive is suitable for areas which may be subjected to some surface water after installation, and where excessively heavy traffic will occur, e.g.: fork lift truck traffic, dumbbell weightlifting etc. PU2000 is suitable for use on horizontal surfaces only.

C. Installation

The surface temperature of the screed and the flooring materials to be laid should reach 18°C (64°F) for 24 hours prior and following installation. Where applicable, underfloor heating should be turned off 48 hours before and after installation.

In very cold weather it is recommended that boxes and/or other wrappings should be opened and the following materials spread out in the heated area in which they are to be installed, in order for them to achieve the correct working temperature.

Upon receipt and before proceeding with cutting or installing any materials, deliveries should be checked to ensure the correct materials have been received in good condition. Colour shade batching should also be checked.

When unrolled Bladerunner should be turned upside down and left for at least one hour before fitting.

D. Adhesive Use

Before using PU2000, users should familiarise themselves with the relevant "Health and Safety" data sheets, available on request.

"PU2000" polyurethane adhesive is a two part adhesive. Before the adhesive can be used, the contents of the two cans should be thoroughly mixed together. The largest can contains sufficient empty space to accept the contents of the smaller can.

The mixed adhesive should be applied within two hours of mixing, to the floor only, using a 1.5mm x 5mm V-notched trowel with the standard pre-abraded smooth backed floors. A 2mm x 6mm notched trowel should be used with peduncle backed floors. The Bladerunner should be laid into the wet adhesive, pressed down to ensure total contact, and rolled with a 68kg flooring roller to exclude air.

Care should be taken to ensure that the Bladerunner remains in contact with the wet adhesive during the curing process. Failure to do this may result in an unsatisfactory bond, and subsequent deterioration in the finished floor. Bladerunner may require weighting down to maintain contact, and it is advisable to weight the flooring down with sand bags or similar. Back rolling prior to bonding is also recommended. Excess adhesive may squeeze up between the sheets, which can also act as a seal between the joints, but should be wiped off immediately.

The curing process, mentioned above, usually takes about 48 hours. It is essential that traffic is prevented from traversing the finished floor this period. Failure to do this may disturb the chemical hardening process as it takes place, and then result in an unsatisfactory bond. A "Health and Safety" data sheet is available on request.

E. Finishing off the job

Finally, the floor should be fully cleaned. Jaymart recommend the use of Nova products, available from "British Nova Works" (telephone 01295 254030). These products should be applied in accordance with a separate data sheet, "Jaymart Rubber Flooring-Cleaning and Care", available upon request.

Jaymart Flooring Installation Guidelines

Bladerunner Outdoor Installation

A. Subfloor Preparation

The objective of subfloor preparation is to create a surface which is dry, rigid, smooth, level, dimensionally stable and which provides a suitable finish to maximise adhesion.

In order to achieve a satisfactory installation of Bladerunner flooring, it is essential that the subfloor is correctly finished in accordance with British Standard code of practice CP102, BS8203, BS5325 and subsequent and future amendments. In particular:-

1. Old floor coverings, paint and adhesives should be removed.
2. Concrete subfloors must be dry. ie.: relative humidity should not exceed 75% when measured with an Edney Hygrometer.
3. Propriety flooring screed should be used in accordance with the manufacture's instructions. Jaymart recommends the use of suitable Ardex UK Ltd. screeding compounds. (telephone 01440 714939).
4. Subfloors which are direct to earth should be protected by a damp proof membrane. If in doubt over whether such a membrane has previously been installed, a surface applied damp proof membrane should be used in accordance with the manufacturer's instructions.
5. The surface of the sub floor should be smooth, level, clean, dry, and free of all defects.

B. Adhesive Selection

Jaymart supply various adhesives suitable for installing the Bladerunner range. The correct selection of adhesive depends upon the conditions to which the floor will be subjected, following installation, and also the type of floor being installed. PU2000 polyurethane is the preferred adhesive.

"PU2000" polyurethane adhesive is suitable for areas which may be subjected to some surface water after installation, and where excessively heavy traffic will occur, e.g.: fork lift truck traffic, dumbbell weightlifting etc. PU2000 is suitable for use on horizontal surfaces only.

C. Installation

The surface temperature of the screed and the flooring materials to be laid should reach 18oC (64oF) for 24 hours prior and following installation. Where applicable, underfloor heating should be turned off 48 hours before and after installation.

In very cold weather it is recommended that boxes and/or other wrappings should be opened and the following materials spread out in the heated area in which they are to be installed, in order for them to achieve the correct working temperature.

Upon receipt and before proceeding with cutting or installing any materials, deliveries should be checked to ensure the correct materials have been received in good condition. Colour shade batching should also be checked.

When unrolled Bladerunner should be turned upside down and left for at least one hour before fitting.

D. Adhesive Use

Before using PU2000, users should familiarise themselves with the relevant "Health and Safety" data sheets, available on request.

"PU2000" polyurethane adhesive is a two part adhesive. Before the adhesive can be used, the contents of the two cans should be thoroughly mixed together. The largest can contains sufficient empty space to accept the contents of the smaller can.

The mixed adhesive should be applied within two hours of mixing, to the floor only, using a 1.5mm x 5mm V-notched trowel with the standard pre-abraded smooth backed floors. A 2mm x 6mm notched trowel should be used with peduncle backed floors. The Bladerunner should be laid into the wet adhesive, pressed down to ensure total contact, and rolled with a 68kg flooring roller to exclude air.

Care should be taken to ensure that the Bladerunner remains in contact with the wet adhesive during the curing process. Failure to do this may result in an unsatisfactory bond, and subsequent deterioration in the finished floor. Bladerunner may require weighting down to maintain contact, and it is advisable to weight the flooring down with sand bags or similar. Back rolling prior to bonding is also recommended. Excess adhesive may squeeze up between the sheets, which can also act as a seal between the joints, but should be wiped off immediately.

The curing process, mentioned above, usually takes about 48 hours. It is essential that traffic is prevented from traversing the finished floor this period. Failure to do this may disturb the chemical hardening process as it takes place, and then result in an unsatisfactory bond. A "Health and Safety" data sheet is available on request.

E. Finishing off the job

Finally, the floor should be fully cleaned. Jaymart recommend the use of Nova products, available from "British Nova Works" (telephone 01295 254030). These products should be applied in accordance with a separate data sheet, "Jaymart Rubber Flooring-Cleaning and Care", available upon request.

BLADE-RUNNER **INTERLOCKING RUBBER FLOORING TILES**

General Information

“Blade-Runner” tiles are designed primarily for loose lay installation but may also be adhered to the subfloor.

The correct selection of installation method depends upon the intended use of the “Blade-Runner” tiles.

“Blade-Runner” should be adhered where the intended use may otherwise cause expansion of the tiles e.g. when subjected to extra heavy traffic such as bullion truck, spiked sports footwear or ice skates etc.

Prior to installation “Blade-Runner” tiles should be allowed to acclimatise to the normal temperature of the building in which they are to be installed. It is recommended that they are loose laid in the building for 48 hours before final installation, either loose laid or adhered.

Subfloor Preparation

The degree of subfloor preparation required prior to installing “Blade-Runner” depends upon the installation method selected. When loose laying “Blade-Runner”, the subfloor should be reasonably level, e.g. in sports halls a maximum variation of 5mm in level per 2m length is acceptable.

Old subfloors, provided that they are in good level condition, should be normally pose problems, Parquets, vinyl, PVC rubber and concrete or bituminous screed are all suitable bases for loose laid “Blade-Runner” tiles.

In order to achieve an adhered installation, the subfloor should be correctly finished in accordance with British Standard Code of Practice BS8203 1987 plus subsequent and future amendments.

Installation

“Blade-Runner” tiles are simply joined together by interlocking the edges. It is recommended to start laying from one corner in a diamond format, choosing a start position that would give the least amount of cut edges. Cutting is by means of a heavy duty cutting knife. An expansion joint of at least 0.5% of the room width should be allowed, but it may still be necessary to periodically trim back the loose lay installation.

If the “Blade-Runner” tiles are to be bonded, we would suggest the use of a polyurethane adhesive.

Separate Adhesive Data Sheets are available, upon request, which detail the correct methods of adhesive application.

Maintenance

A cleaning machine with cylindrical rotating brushes is recommended, using a neutral detergent.

Blade-Runner / Solerunner Cleaning & Maintenance

Blade-Runner/ Solerunner is a heavy-duty, dense and very durable elastic flooring product. Nevertheless, like with every other product, constant dirt and poor maintenance can cut back the life span and durability substantially.

Therefore:

- 1) Always keep the floor clean of all debris, dirt and sand.
- 2) Sweep and/or vacuum floor on a regular basis.
- 3) Blade-Runner can be damp mopped using a solution of water and a light detergent.
- 4) Heavy stains are removed by scrubbing with a nylon brush, using a high concentration of a mild detergent. Wash out with clean water.
- 5) To enhance the appearance of Blade-Runner, we would suggest that Dr. Schutz Quick Fix is applied to a fully clean floor surface.

Caution:

- 1) Avoid abrasive alkaline or cheap cleaners.
- 2) Keep surface free of grit, oil, gasoline and acids.



QUICK FIX ANTI-SLIP

1 PRODUCT DESCRIPTION

Waterbased lacquer providing structure for increased slip-resistant safety.

- Easy to apply, effective in results.
- Good adherence
- Can be removed using Dr Schutz Turbo Strip / Clean and Strip.
- Slip-resistance >36PTV Wet / Dry according to Pendulum Slip Tester BS7976-2 (*)

2 AREAS OF APPLICATION

To be applied on resilient floorings including Vinyl, Linoleum, Wood, Laminate & Resin in areas where a greater slip resistance is requested. Internal use only.

3 APPLICATION

- Clean the floor of all grease and contamination using **Dr. Schutz PU Cleaner** or **Clean & Strip** and fully dry.
- Shake up well.
- Use immediately from a roller tray using Dr. Schutz Aquatop or another medium pile roller and apply evenly.

4 CONSUMPTION

50 ml/m² per coating. 1 litre will cover 20 square meters (200 square feet). 100 square meters (1000 square feet) per 5 liters. For small areas please calculate with additional consumption due to roller (~0,2-0,3l).

5 DRYING TIME

Can be carefully walked on after approx. 2 hours. After 24 hours approx. 80% of the durability has been achieved. After 7 days the full durability and chemical resistance of the product is provided (based on conditions of 20 °C, 50% relative humidity and sufficient ventilation). Damp / dry mop only for the first 3 days.

Low temperatures, high humidity and poor ventilation can prolong the drying time. Refrain from laying down carpets in the first 10-14 days. Place furniture carefully.

7 STORAGE

Protect against frost. Store in a cool, dry place. Will keep for 24 months in unopened, original canister from the date of manufacture. Keep coating materials out of the reach of children.



QUICK FIX ANTI-SLIP

8 TECHNICAL DATA

Contains substances: water, polyacrylat, silicic acids, waxes, additive. Contains a mixture of: 5-Chlor-2-methyl-2H-isothiazol-3-on and 2 Methyl-2H-isothiazol-3-on. Can cause allergic reactions.

pH 7,5

voc (g/l): <47(ISO 11890)

ADR/RID: not a dangerous good.

CLP: no labelling obligation.

Even when using low-pollution products the usual safety measures are to be observed. Keep out of the reach of children. Completely emptied canisters can be disposed of in domestic waste or at a recycling centre.

9 SPECIAL NOTES

(*) Product tested independently following professional application. Test conducted on the Pendulum Slip Tester method BS7976-2. Certification can be emailed on request.

10 CROSS-REFERENCE

Our following publications in their updated form are valid as an integral part of this fact sheet:

- General notes on the application of Dr. Schutz finishes
- Safety data sheet available on request.

The quoted printed matter, as well as this product information in its updated form, is available on our homepage www.dr-schutz.com or on request from the address quoted below.

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The above advice for technical application is given to the best of our knowledge and according to the latest state of technology. Therefore, if our products are used carefully heeding the advice given on their application, as well as following our suggested procedures with the materials intended for use with these products, no damage shall occur. However, our products are used outside and beyond our possible control, and are therefore subject to your own responsibility, which does not release you from the obligation to check for yourself whether our supplied products are suitable for your intended purpose and procedure. Therefore our notes and advice are not legally binding and cannot be used against us as grounds for liability - which includes the rights and protection of any third party. The relevant recommendations, guidelines and standard norms are to be observed, as well as the recognized technical rules. On publication, this product information replaces and supersedes the validity of any previous versions.



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