



V-URBAN
TECHNICAL DATA SHEET

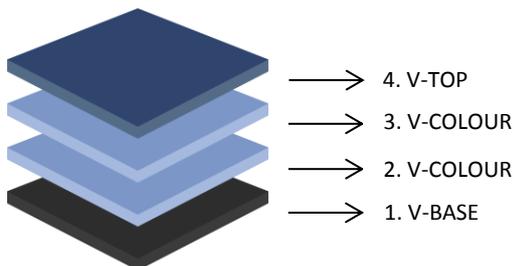
DATOS VECTOR SPORTS

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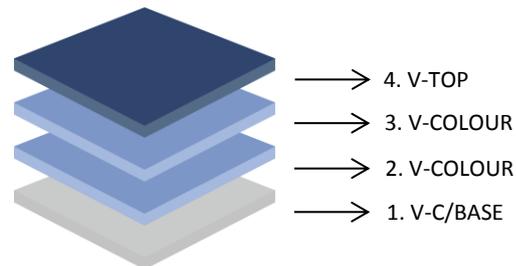
1. DESCRIPTION

V-URBAN SYSTEM is a surface comprising acrylic resins applied in 4 layers. It is considered a high-performance system developed for bicycle lines and other urban purposes.

ON ASPHALT



ON CONCRETE



2. FEATURES AND BENEFITS OF THE SYSTEM

Tested High Quality

Complies with the European standard UNE -EN 14877:2006 for "synthetic surfaces for outdoor sport areas"

Tests carried out in LABOSPORT laboratory.

Durability and high resistance

- Withstands all weather conditions.
- High adherence between the layers, allowing a good stability over time.

- Resistant colors: color retention is achieved using materials and high quality pigments and has been approved by accelerated irradiation tests to ensure long life without losing the tone nor the vivacity of their original colors
- See also Maintenance

Impermeability

- Impermeable system.

Application

- Four-layer system.
- Product ready to be applied.

Colour range

- Standard colors: Blue, Green, Red and Purple, in different tones.
- Possibility to manufacture special colors upon demand.

3. APPLICATION

Support

System designed to be applied on asphalt or concrete.

There must be a 14 days period between the new asphalt extension and the application of the system. In the case of concrete support, do not apply within 28 days.

For more details, please check TECHNICAL REPORT.

Preparation of the base

The base must be durable, smooth, clean, dry, free of dust, grease, gasoline and other foreign materials.

If necessary, the bumps and irregularities must be corrected with V- PB. For good results do not apply more than 4 mm per layer and let dry each layer thoroughly. All the layers of V-PB must not exceed 1cm thick.

On concrete surfaces with slope, before applying the V-PRO system, V-C/BASE will be applied to ensure a perfect adhesion with the concrete. V-C/BASE is a two-component mortar based on epoxy resins.

Approximate consumption: between 0.250 and 0.300 kg/m².

Application of V-URBAN system

Four-layer system based on use acrylic resins, without the necessity of adding any aggregate.

On Asphalt:

4 Layers	Product	Aprox.Consumption	Drum capacity
LAYER 1	V-BASE	1,10 kg/ m2	25 kilos
LAYER 2	V-COLOUR	0,55 kg/ m2	25 kilos
LAYER 3	V-COLOUR	0,55 kg/ m2	25 kilos
LAYER 4	V-TOP	0,45 kg/ m2	25 kilos

V-BASE : base coat of matte black color made of acrylic copolymer resins and high resistance pigments. It has a great degree of compaction to generate a strong first layer with a high wear resistance.

V-COLOUR: intermediate layer of matte color (see color range) comprising copolymer acrylic resins and high resistance pigments. It has a wear resistance.

V-TOP: finish layer of matte color based on acrylic copolymer resins and high resistance pigments with an excellent light fastness. With high wear resistance and durability and good resistance to weather agents.

On Concrete:

4 Layers	Product	Aprox.Consumption	Drum capacity
LAYER 1	V-C/BASE	0, 250 a 0,300 kg/m2	15 kilos
LAYER 2	V-COLOUR	0,55 kg/ m2	25 kilos
LAYER 3	V-COLOUR	0,55 kg/ m2	25 kilos
LAYER 4	V-TOP	0,45 kg/ m2	25 kilos

V-C/BASE: Primer based on epoxy resins, in two-component doses. Approximate consumption: between 0.250 to 0.300kg/m2.

V-COLOUR: intermediate layer of matte color (see color range) comprising copolymer acrylic resins and high resistance pigments. It has a wear resistance.

V-TOP: finish layer of matte color based on acrylic copolymer resins and high resistance pigments with an excellent light fastness. With high wear resistance and durability and good resistance to weather agents.

Apply with a rubber squeegee, except for line marking.

When applying a minimum temperature of 10 ° C is required. (both ambient temperature and base temperature).

Do not apply at imminent risk of rain or excessive heat.

If the application is carried out indoors the minimum temperature can be 15 ° C.

4. DRYING AND CURING

During the drying time and curing the minimum temperature required is 10 ° C

The temperature and humidity determine the drying time between coats. In normal weather conditions, with a temperature at around 23°C, 6 hours are enough for V-BASE layer to dry, 8 hours for V-COLOUR and 8 hours for V-TOP.

5. MAINTENANCE

To keep the surface in good conditions and avoid buildup that could damage the pavement gradually, it is recommended regular cleaning with pressurized water.

In places where the use is more intensive, the renewal should not be required in at least 4 years. Depending on the intensity and usage, it may be necessary to apply one new top layer a 2-layer resurfacing, or a 3-layer reconstruction in a long-term, also depending on the stability of the base on which the court has been built.

6. STORAGE

The containers shall be stored so that they are sheltered from the weather, in places protected from frost and strong sun exposure. The temperatures below 5 ° C may affect product quality and thus cause damage to this. They may be kept for a year in their original containers, provided that they are tightly closed, in good condition and undamaged.

7. COLOURS

- Light blue
- Dark blue
- Light green
- Dark green
- Light purple
- Dark purple
- Grey
- Red

This information replaces all previous versions. Specifications and technical data are for guidance only. Vector Sports reserves the right to modify it without prior notice and declines any liability in case of misuse of the product.