



Mixtane Spray Sparkle

Description and destination of the product

Mixtane Spray Sparkle is a two-pack acrylic polyurethane varnish with a metallic effect pigment. The use of **Mixtane Spray Sparkle** on top of *DTS* (in the appropriate colour) makes it possible to obtain specific RAL colours (RAL 1035, RAL 4011, RAL 6036,) Moreover, **Mixtane Spray Sparkle** can be used on top of each colour to obtain a "special" colour effect. Although these products cure with the surrounding temperature, they surpass the quality of stoving enamels in several areas.

Some outstanding properties of **Mixtane Spray Sparkle** are:

- gives a sparkle view to the substrate
- light stability
- gloss stability
- colour stability
- thermal stability
- chemical resistance
- hardness, elasticity and abrasion resistance
- adherence
- can only be sprayed

Type of binder

Polyurethane polymer consisting of a hydroxy acrylic resin and a polyfunctional aliphatic polyisocyanate.

Type of pigment

Metallic effect pigments.

Colour

By choosing the appropriate **Mixtane Spray Sparkle** in combination with the right primer, the following colours can be made:

Mixtane Spray Sparkle white: RAL 6036, RAL 9022, RAL 9023, RAL 5025, RAL 1035, RAL 8029, RAL 3033 and RAL 5026.

Mixtane Spray Sparkle violet: RAL 4011, RAL 4012

Mixtane Spray Sparkle yellow: RAL 6035, RAL 7048

Mixtane Spray Sparkle gold: RAL 1036

Mixtane Spray clear: RAL 3032

Gloss

Only in high gloss.

Technical data

- **Density:** 1.03 (\pm 0.03) g/cm³
- **Solids content:** 51 (\pm 2) % in volume
58 (\pm 2) % in weight
- **Potlife:** Depends on the temperature and the viscosity of the paint. The viscosity of a non diluted layer raises quicker than the viscosity of a layer which is diluted directly after mixing up to spray viscosity.
At 20°C the potlife is:
 - non diluted paints: 6 hours
 - on spray viscosity: 12 hoursAt higher temperatures, the potlife is shorter, at lower temperatures the potlife is longer.
- **Drying times:**
(20°C – 40micron)

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|--------------------|---|------------------|
| dustdry | : | after 15 minutes |
| tackfree | : | after 3 hours |
| hard | : | after 12 hours |
| maximum resistance | : | after 7 days |
- **Accelerated drying:** Dry to handle after 30'-80°C
- **VOC:** < 430 g/L (not diluted)
- **Theoretical yield:** 13 m²/kg for 40 microns dry layer thickness
The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

Surface preparation

As adhesion and antirust primer on steel, aluminium, galvanisation and stainless steel *Cryltane DTS 20* is recommended.

Of course, *DTS 20* can also be used on other surfaces such as plastics, glass, Depending on the desired RAL colour, the primer is coloured with the available formula and then oversprayed with the right **Mixtane Spray Sparkle**.

In order to avoid problems of interlayer adherence, it is advisable to apply the **Mixtane Spray Sparkle** within 3 days. If this isn't possible, the *Cryltane DTS 20* has to be roughened up before being painted.

Use

Mixtane Spray Sparkle is mixed with the hardener before application.

76 parts in weight base

24 parts in weight hardener BN 4

Application conditions

Mixtane Spray Sparkle is applied by air spray.

Mix base and hardener and then dilute 30% with *Thinner 1*.

Spray viscosity: ca 25" CF4 – 20°C

Thinner: *Thinner 1*

Clean the tools with *Thinner 1*.

Storage stability

For the base paint : minimum 6 months in the original, unopened packing, stored in a dry environment at temperatures between 0°C up to +40°C.

For the hardener : minimum 18 months in the original, unopened packing, stored in a dry environment at temperatures between 0°C up to +40°C.

Safety measure

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: www.libertpaints.com

Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.

We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.

Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.