

# SPEKTRA Decor Quarz

## USE

For the protection and decoration of interior and exterior wall surfaces. The coating is high vapour permeable, water repulsive and resistant to atmospheric influences and therefore suitable for manufacture of new and renovation of old – also monument protected facade surfaces. With different application we achieve a number of decorative effects: from strongly to weakly iridescent top coating to the uniform velvet matt surface. The final appearance depends on the number of coats.

## CHARACTERISTICS

- 30 colour shades
- velvet iridescent film top coating
- resistance to weather influences and harmful industrial atmosphere
- high water repulsion and vapour permeability
- high decorative coating

## TECHNICAL DATA

COMPOSITION	Silicone emulsion and acrylate copolymer, fillers and special additives in water
COLOUR SHADES	30 colour shades <b>HGMIX</b>
GLOSS (EN 13300)	matt
DENSITY	1,60 – 1,67 kg/l
WASHABILITY	not washable
THINNING	with water from 10 up to 15 %
EU VOC category and limits	IIA(I), 200 g/l (2010); the product contains: max. 55 g/l
PACKAGING	2 l
SHELF LIFE	The shelf life of the originally closed and suitably packed product (temperature from +5°C to +35°C, in dry place) is until the date indicated on packaging. IT SHOULD NOT FREEZE!

## INSTRUCTIONS FOR USE

APPLICATION	Wide brush with hard hairs – in criss-cross technique.
WORKING CONDITIONS	Temperature of paint, air and surface min. +5 °C.
DRYING (T= +20 °C, rel.hum. 65%)	The coating is dry and suitable for overcoating after 6 – 8 hours.
COVERAGE	Theoretically: 5 – 7 m <sup>2</sup> with 1 l in 1 coat. Practical consumption depending on permeability and surface roughness.
CLEANING OF TOOLS	Immediately after use with water.

## SURFACE PREPARATION

The surface should be free from dust, crumbly particles and other impurities. Remove old falling off coats. Fill up bigger cracks and damaged surface with adequate materials on the mineral basis. Afterwards impregnate with **SPEKTRA acrylic impregnation**, thinned with water 1:3. Prior to painting, the surface should be dry and firm. Before painting, there should not be more than 3 % humidity in the surface. Impregnate wall surfaces, which are exposed to humidity with **SPEKTRA silicone impregnation**, thinned with water 1:1, to keep the surface's vapour permeability as much as possible.

Smoothen the impregnated interior wall surfaces with **SPEKTRA interior putty rough** and **SPEKTRA interior putty - fine**. Prior to paint application, sand surface thoroughly and remove dust.

Treat the attacked wall surfaces with mould and algae prior to painting with **SPEKTRA biocide agent SANITOL**. After the walls get dry, remove mould mechanically. Continue with the previously described procedure for surface preparation.

Paint stains of nicotine, water outflow, tar, water soluble pencils... with **SPEKTRA antinicotine paint**, which is already a top coating. Clean crack-free healthy surfaces, which are painted with smooth, shiny or semi-shiny enamels or dispersion paints and sand them with the sanding paper (No. 150). The application of a coating system will follow.

## COATING SYSTEMS

The systems for the preparation of substrate prior to application of **SPEKTRA DECOR grund** are stated in the technical data sheets for **SPEKTRA DECOR grund**.

SUBSTRATE	TOP COATING
1 x <b>SPEKTRA DECOR grund</b> white	1 x <b>SPEKTRA DECOR quarz</b> depending on the desired top coating appearance

## APPLICATION TECHNIQUE

We apply the application ready **SPEKTRA DECOR quarz** with a large brush in a criss-cross technique or in even application coat in all directions. After the coating starts to dry, we recommend you to smoothen it with a soft brush to additionally increase matt effect at the side view and the coating's velvet appearance. For the larger surfaces, we recommend that the application and smoothening phases are performed by two applicators to assure an even application on the whole surface.

- **half-transparent appearance:** 1 coat of **SPEKTRA DECOR quarz** is sufficient
- **top iridescent appearance:** 1 coat of untinted and 1 coat of tinted **SPEKTRA DECOR quarz**
- **top, even velvet matt appearance:** 2 coats of tinted **SPEKTRA DECOR quarz**

## REMARKS AND SPECIFICS

- Prior to use mix the paint thoroughly.
- Drying time will be prolonged at lower temperatures and higher air humidity.
- Final appearance depends on application technique and the applicator. We recommend that one applicator makes the complete surface, so that the coating's appearance is even (the impact of the hand).
- The colour shade may deviate up to 20 % in comparison to a colour card due to factors such as different surface permeability, application method, use of different tools, speed of drying and thinning level.