

SPEKTRA DECOR RUST / COPPER

AREA OF APPLICATION

For the protection and decoration of interior wall surfaces. **SPEKTRA DECOR RUST** is a water-based primer which, after application of the oxidizing agent **SPEKTRA DECOR ACTIVATOR**, produces a rusty appearance that is completely similar to iron that rusts due to exposure to natural weather. **SPEKTRA DECOR COPPER** is a water-based primer which, after application of the oxidizing agent **SPEKTRA DECOR ACTIVATOR**, produces a copper patina appearance. You can also combine the primers on the same surface to achieve special decorative effects. The coating has high coverage and, protected by **TESSAROL acrylic varnish satin**, does not absorb dirt, is resistant to mechanical damage and can be cleaned with water and non-abrasive household detergents. It is suitable for building new and renovating old wall surfaces.

CHARACTERISTICS

- authentic appearance of rusty iron / copper patina
- various decorative effects
- unique rustic appearance of wall surfaces
- high mechanical resistance

TECHNICAL DATA

COMPOSITION	acrylate copolymer, pigment and special additives in water
COLOR SHADES	SPEKTRA DECOR RUST / COPPER: black grey SPEKTRA DECOR ACTIVATOR: blue transparent liquid
GLOSS (EN 13300)	matt
DENSITY	SPEKTRA DECOR RUST / COPPER : 1.58 – 1.62 kg/l SPEKTRA DECOR ACTIVATOR: 0.99 – 1.01 kg/l
WASHABILITY (EN 13300)	Grade 1 (hardened and protected coating with TESSAROL acrylic varnish satin)
THINNING	SPEKTRA DECOR RUST / COPPER: The product is ready for application; thin with water if necessary SPEKTRA DECOR ACTIVATOR: Do not thin the product
EU VOC category and limits	IIA(l), 200 g/l (2010); the product contains: max. 10 g/l
PACKAGING UNITS	SPEKTRA DECOR RUST / COPPER: 1.5 kg SPEKTRA DECOR ACTIVATOR: 0.5 kg
SHELF LIFE	The shelf life of an originally sealed and suitably stored product (temperature ranging from +5°C to +35°C, in a dry place) is indicated on the packaging. MUST NOT FREEZE!

INSTRUCTIONS FOR USE

APPLICATION METHOD	SPEKTRA DECOR RUST / COPPER: brush, roller, spatula, spraying SPEKTRA DECOR ACTIVATOR: spraying, sponge
WORKING CONDITIONS	The paint, air and surface temperature should be at least +5°C.
DRYING (T = +20°C, rel. humidity 65%)	Dry and suitable for subsequent application after 3 - 4 hours.
COVERAGE	Theoretically: 3 - 5 m ² with 1 kg and one application. The actual consumption depends on the absorbency and roughness of the surface.
CLEANING TOOLS	With water, immediately after use

SURFACE PREPARATION

The surface should be free from dust, loose particles and other impurities. Remove any loose old coats. Fill up large cracks and damaged parts of the surface with adequate mineral-based materials. Then impregnate with **SPEKTRA acrylic impregnation**, thinned with water in a 1:3 ratio. Prior to painting, the surface should be dry and firm. Prior to painting, there should not be more than 3% humidity. Wall surfaces exposed to dampness should be impregnated with **SPEKTRA acrylic impregnation**, thinned with water in a 1:1 ratio, in order to better maintain the surface's vapour permeability.

Impregnated interior wall surfaces need to be smooth out with **SPEKTRA interior putty - rough**, and **SPEKTRA interior putty fine**. Before applying the paint, sand and dust the surface. Continue with **SPEKTRA Decor grund**, which will improve adhesion of Spektra **Decor Rust/Coper**.

Apply **SPEKTRA biocide agent SANITOL** to wall surfaces affected by mold or algae. Once the walls are dry, remove the mold mechanically. Continue with the procedure described above for the preparation of the surface.

Cover nicotine, water leakage, tar, waterproof pencil and other spots with **SPEKTRA anti-nicotine paint**, which is used as the finishing coating. Clean crack-free, healthy surfaces painted with smooth, gloss or semi-gloss enamels or dispersion paints, and sand them with sandpaper (No. 150). This is followed by the application of the coating system.

Before applying the **SPEKTRA DECOR RUST/COPPER** coating system, thoroughly protect all surfaces on which it will not be applied.

COATING SYSTEMS

PRIMING COAT	OXIDIZING AGENT	TOP COAT
1X SPEKTRA DECOR RUST and/or COPPER	1-2 X SPEKTRA DECOR ACTIVATOR depending on the desired appearance of the final coat	2x- TESSAROL acrylic varnish satin

APPLICATION METHOD

Before applying the **SPEKTRA DECOR RUST/COPPER** coating system, thoroughly protect all surfaces on which it will not be applied to avoid contact or oxidation after applying the oxidizing agent. If the oxidizing agent is sprayed onto porous surfaces such as stone, marble, plaster, etc., it is difficult to remove stains.

SPEKTRA DECOR RUST or **SPEKTRA DECOR COPPER** can be used separately, but also with combining them in different proportions, we can get a nice effect.

Applying with brush or roller: Apply **SPEKTRA DECOR RUST and/or SPEKTRA DECOR COPPER** using a brush or roller with uneven strokes in all directions. You can achieve an even more original look if you apply the primer with a spatula in uneven strokes in all directions, as this creates a slightly embossed surface. You can use both primers on the same surface; this will create interesting and special aesthetic effects of both a rusty and patinated surface.

Applying by spraying: dilute **SPEKTRA DECOR RUST and/or SPEKTRA DECOR COPPER** with 20 - 50% water before application. Stir well, because the diluted product is sinking to the bottom. Nozzle opening: 1.8 - 2.2 mm. Dried coating does not need to be sanded.

After about 3-4 hours, apply with sprayer or sponge the **SPEKTRA DECOR ACTIVATOR** oxidizing agent, which triggers the oxidation process. As this is a chemical reaction, the final appearance of rusty iron or copper patina is unrepeatable. The intensity or extent of the oxidized surface depends on the desired appearance. To achieve a better and more natural rust effect, avoid overusing the **SPEKTRA DECOR activator**. The drying time after application of the activator is 3-4 hours. If you want a stronger rust or patina effect, re-apply the **SPEKTRA DECOR activator**. The oxidation process slows down a few hours after applying the activator, but does not stop due to air humidity. After 10 days, you can almost stop the oxidation process by applying **TESSAROL acrylic varnish satin**, which also slightly changes the final appearance of the coating. Oxidation it will continue to a minimum extent, so the aesthetic appearance is dynamic and undergoes minor changes over time. The coating reaches its final mechanical characteristics after about 10 days. It is scratch-resistant and can be cleaned with water and non-abrasive household detergents.

NOTES AND SPECIAL FEATURES

- Mix the primer thoroughly before use.
- The oxidizing agent is a liquid; it's consistency is very similar to water. It is most easily applied by spraying; it can also be applied with a sponge.
- When applying **SPEKTRA DECOR activator**, be careful that it will not spray into your eyes. Wear safety goggles.
- The drying time increases at lower temperatures and higher air humidity.
- The final appearance depends directly on the tool, application technique and amount of oxidizing agent used. We therefore recommend preparing a sample beforehand to help determine the desired rust and/or patina appearance.