

Technical Information

senotherm® Paint



Product series:
-1111-

Coating material offering a temperature resistance exceeding 600°C.

PRODUCT DESCRIPTION

senotherm® coatings series -1111- are based on modified, temperature-resistant silicone resins with temperature-resistant pigments. For this reason many colours, including metallics, offering a colour stability up to above 600°C are possible.

The operation instruction - in particular for airdried appliances - should give hint to the fact that fumes and unpleasant smells may incur when item is first put into operation. This implies that good ventilation during this first heating period is of utmost importance. Pregnant women, allergic persons and small children, as well as domestic animals - especially birds - should not unnecessarily stay in subjected areas.

TYPICAL FIELDS OF APPLICATION

Stoves, chimneys, grills, stovepipes, accessories for the stove industry and other appliances and lines subjected to high temperatures.

The system is not suited for direct contact with food.

GENERAL APPLICATIONS RECOMMENDATIONS

Coating system	: one-coat
Substrate	: steel, cast steel, aluminium, cast aluminium
Pretreatment	: Substrate should be free from grease, corrosion and other contaminations. Degrease & sanding.
Thinner	: if necessary 00-9597-100066
Application method	: Conventional air-atomizing spray or electrostatic spray; CAUTION: IF OTHER COATINGS ARE APPLIED APART FROM THIS SERIES , THESE MAY SHOW SURFACE DEFECTS AS E.G. CRATERS OR FISH EYES. SERIES 1111 SHOULD ALWAYS BE PROCESSED IN SEPARATE LINES AND NOT TOGETHER WITH OTHER COATING SYSTEMS! Standard colours are also available as aerosol.
Application viscosity	: supply viscosity
Drying times	: Dust dry after approx. 15-20 min. at RT (20°C) and 25 µm dry film thickness
Cure	: Coating material dries physically at room temperature, however, full mechanical resistances and final properties are only obtained after cure at 250° C for at least 30 min. Stoving up to operational temperature is possible.
Rec. film thickness	: 25 ± 5 microns
Shelf life	: At least 6 months in sealed original packaging. Protect from frost and heat! Storage temperature should preferably be between +5 and +35° C.
Hazard classes/ Industrial hygiene	: Information on hazard classes and industrial hygiene is given in our relevant safety data sheets.

Kindly refer to our technical data sheets for detailed information on specific products of this series!
DETAILED APPLICATION INSTRUCTIONS ARE GIVEN IN OUR
„PROCESSING INSTRUCTIONS FOR SERIES -1111-“

2017-02-21/hh-keil

The above indications were determined under lab conditions and in practice as being reference values. They correspond to today's developments in technique. Application equipment and application technique are beyond our influence. This information is given to the best of our knowledge, however, no liability or obligation whatsoever is assumed in connection with it.