Technical Data

WEILBURGER Coatings GmbH
A MEMBER OF THE GREBE GROUP

SENOTHERM® Paint

Product series/Article No.:
05-1644-702284

Coating material offering temperature resistance up to 500° C.

TECHNICAL DATA		
Colour	:	**Black**
Gloss	:	**Satin mat**
Supply viscosity	:	**25 ± 3 secs/DIN 53 211/4 mm/23° C**
Solids content	:	**Approx. 27 %**
Volume solids	:	**Approx. 15 % (theoretical value)**
S.G. wet	:	**Approx. 1,00 g/cm³/ DIN 53 217 (theoretical value)**
S.G. dry	:	**Approx. 1,81 g/cm³ (theoretical value)**
Rec. film thickness wet	:	**Approx. 135 ± 30 microns**
Film thickness dry	:	**Approx. 20 ± 5 microns**
Theor. Coverage	:	**Approx. 7,5 m²/kg at 20 microns dry film thickness**
Shelf life	:	**6 months in sealed original packaging. Material is to be protected against heat and frost. Storage temperature should be between +5° and +35° C.**
Rec. coating system	:	**One-coat**

The values indicated above do not represent a specification, but are typical values achieved.

APPLICATION INSTRUCTIONS		
Substrate	:	**Steel, cast steel, aluminium, cast aluminium**
Pretreatment	:	**Substrate should be free from grease, corrosion and other contaminations. Degrease & sanding.**
Application method	:	**Conventional air-atomizing spray, electrostatic spray Special adjustment for dip and flow coating possible**
Thinner	:	**If necessary: 00-9597-100.066**
Application viscosity	:	**= supply viscosity**
Drying times	:	**Dust dry => after approx. 15-20 min. at room temperature and 20° C, assuming that dry film thickness is 20 microns**
Curing conditions	:	**Airdrying and stoving (up to operational temperature) In case of airdrying, film hardens physically. Full mechanical and chemical resistances are only achieved after stoving respectively charge of 250° C for at least 30 min.**
Hazard class/ Industrial hygiene	:	**Information on hazard classes and industrial hygiene is given in our relevant safety data sheets.**

For more detailed information regarding processing, kindly refer to our processing instructions "Senotherm® Paints series –1644-"

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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..