Technical Data

senotherm® - Metallic-Paint ES

WEILBURGER . German Technology
senotherm®
THE HIGH TEMPERATURE COATINGS
| CLASSIC |

Product series/Article No.:
12-1666-703381

Coating material offering temperature resistance up to 500° C.

TECHNICAL DATA		
Colour	:	black metallic
Gloss	:	Satin mat
Supply viscosity	:	25 ± 3 secs/DIN 53 211/4 mm/23° C
Solids content	:	Approx. 28 %
Volume solids	:	Approx. 16 % (theoretical value)
S.G. wet	:	Approx. 1,0 g/cm³/ DIN EN ISO 2811 (theoretical value)
S.G. dry	:	Approx. 1,8 g/cm³ (theoretical value)
Rec. film thickness wet	:	125 ± 31 microns
Film thickness dry	:	20 ± 5 microns
Theor. Coverage	:	Approx. 8 m²/kg at 20 microns dry film thickness

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

APPLICATION INSTRUCTIONS		
Substrate	:	Steel, cast steel, aluminium, cast aluminium
Application method	:	Conventional air-atomizing spray, electrostatic spray; Special adjustment for dip and flow coating possible.
Rec. coating system	:	One-coat
Pretreatment	:	Minimum requirement: substrate must be free from grease, corrosion and other contaminations. Optimum: degrease and sand blasting.
Thinner	:	If necessary: 00-9597-100066
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.
Shelf life	:	At least 6 months in sealed original packaging; Material is to be protected against heat and frost. Storage temperature should be between +5° and +35° C.

For more detailed information regarding processing, kindly refer to our processing instruction "senotherm® Paints, series –1666-"

2021-09-29/hh-knö

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