

Coating material offering a temperature resistance exceeding 1100°F.

PRODUCT DESCRIPTION

SENOTHERM[®] 1155 is based on ultra-high temperature-resistant silicone resins and temperature-resistant pigments. In contrast to a conventional temperature-resistant coating system, cross-linking of the paint takes place at room temperature. Apart from the fact that full surface hardness is already obtained at room temperature, coated surfaces are also virtually free from fumes and odors when being put into operation for the first time. Subject system is available in black, cast grey and other shades offering color stability exceeding 1100°F.

TYPICAL FIELDS OF APPLICATION

Stoves, chimneys, heating insets, stovepipes, accessories and other products requiring high thermal stress.

GENERAL APPLICATIONS RECOMMENDATIONS

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| Coating system: | One coat |
| Substrate: | Steel, cast steel, aluminum, cast aluminum. Substrates should be tested to verify suitability. |
| Pretreatment: | Substrate should be free from grease, corrosion and other contaminations. Degreasing and sandblasting are commonly used to ensure proper preparation. |
| Application method: | Conventional air-spray; including HVLP and electrostatic spray are possible. Airless spray is possible, however particular attention should be paid to maximum film thickness requirements. |

NOTE: Storage tanks and containers must always be closed in order to avoid drying on the surface, as dried particles can not be stirred into the coating again.

SENOTHERM 1155 Paint – Continued.

Cure: Dry touch after approx. 1-2 hrs at room temperature of 68°F at 1.0 mil (25 microns) DFT. The coating material fully reacts at room temperature. During air drying methyl alcohol is released. Therefore it is necessary to provide adequate ventilation. Full mechanical surface properties are achieved after reaction time of approx. 7 days. At temperatures below 10°F there is insufficient drying.

**Recommended
Film thickness:** 0.8 - 1.2 mils (25 ± 5 microns) DFT

Shelf life: 6 months when sealed in original packaging. Protect against extreme temperature conditions. Storage temperature should be preferably maintained between 66°F - 77°F.

**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 - 1664-“

The above specifications were determined under laboratory conditions and are presented for reference purposes using currently accepted equipment and techniques. Other conditions may require modification to achieve these results. This information is given to the best of our knowledge, however, no liability or obligation whatsoever is assumed.