

Gemseal

Gemseal Material Overview

Refractory Specialties Inc's Gemseal is a silicone based water-proofing that allows **Gemcolite®** products to withstand condensing applications at temperatures up to 800° F. Gemseal is applied to the material by submersion, or by surface spraying, and can be pre-applied to **Gemcolite®** products, or it can be purchased and applied on-site as needed. If done on-site, Gemseal treated parts need to be dried before being put into service, preferable in an oven at no more than 275° F for 4 to 6 hours.

WP1-19 is Refractory Specialties standard Gemseal formulation. It can be used on all **Gemcolite®** products, and can be used in applications up to 800° F.

WP1-10 is Refractory Specialties' premium grade of Gemseal. Applications with very high water exposure benefit from the more concentrated surface coating of Gemseal provided by formula WP1-10. It is also functional up to 800° F.

Please note all Gemseal formulas must be kept from freezing to retain full utility.

Gemseal Technical Information

<u>Property</u>	<u>WP1-10</u>	<u>WP1-19</u>
Density	10 lb/gal	9 lb/gal
Coverage	12 ft ² /gal	10 ft ² /gal
Maximum Continuous Use Temperature	800° F	800° F
Typical Chemical Analysis (After Use)		
Silicone (Weight Percent)	98 %	98 %
Other (Weight Percent)	2 %	2 %

Other Information

The information given herein is based on data believed to be reliable; however, Refractory Specialties, Incorporated makes no expressed or implied warranties as to its accuracy and assumes no liability arising out of its use by others. This information does not constitute a license to use or infringe any patents. Further, the data is found to be typical and should not be construed as product specification/s.

Refractory Specialties, Inc. 230 West California Avenue, Sebring, Ohio 44672

Tel: (330) 938-2101/Fax: (330) 938-2574/Web: [.rsifibre.com](http://rsifibre.com) /E-mail: @rsifibre.com