

NEW PRODUCT LAUNCH!
SIXIN P-007 and P-007S Powder Antifoam
Concrete and Dry Mortar

Overview:

SIXIN began a collaborative new material design project with construction industry professionals to develop a new generation of powder antifoam designed for the concrete and dry mortar business sectors. The material was qualified, commercialized, and began FCL load entry into the market August 2022.

History:

For years, SIXIN has provided multinational chemical companies specializing in the building sector with powder defoamer. The primary consumption has taken place in South America, Southeast Asia, China, and Canada.

Performance irregularities which appear to be regionally specific inspired us to produce a new generation of powder antifoam to better serve all markets and process conditions. Providing materials which are functional at high and low altitude, high and low humidity, and are cost effective is our ultimate goal.

The release of P-007 and P-007S has helped us achieve this goal!

Technology Changes:

The changes we made to our current antifoam started from the bottom up. We offer one version of the material which has some silicone compound, and one version which is silicone free.

Changes to our silicone compound structure and surfactant package, adjustments to the carrier particle composition and particle size, as well as new processing steps to create a more homogeneous material have contributed to the performance increases and cost reduction.

Material Properties:

Product Name	Bulk Density (g/cm ³)	Appearance	pH
P-007S	0.20-0.40	White Powder	7.0-9.0
P-007	0.10-0.40	White Powder	5.0-7.0