

# Product Information

## AFS 100

### Product Description:

AFS 100 is a red brown powder composed of sulfonated acetone formaldehyde. It is an anionic aliphatic surfactant with excellent dispersing and wetting properties. AFS 100 provides low slump loss and is very compatible with differing cements and other admixtures. Recommended dosage is 0.4 - 1.2 % of the weight of cementitious materials. Appropriate dosage must be determined according to project requirements and materials used.

### Applications:

AFS 100 is a concrete admixture, functioning as a superplasticizer and dispersant, which increases the strength, impermeability and workability of the concrete while reducing the required water content of the concrete. AFS 100 is suitable for flowable and plastic concrete, steam cured concrete, impermeable and waterproof concrete, durable and anti-freeze/thaw concrete, sulfate resisting concrete, and pre-stressed concrete.

### Specifications:

Parameters (units)	Specifications
Appearance	Red brown powder
Moisture (%)	≤ 8.0
pH	10 - 12
Chloride content (%)	≤ 0.1
Total alkalis (%)	≤ 5.0

\*% denoted represents wt/wt %, unless noted otherwise

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## Packaging:

Material is available in 25 kg bags. Further packaging options may be available upon inquiry.

## Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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