



SILANOX™ H82 (Silane-Based Waterproofing Additive)

DESCRIPTION

SILANOX™ H82 is a highly active, redispersible dry powder water repellent based on silane/siloxane technology. It is designed for incorporation into cement-based systems to significantly enhance hydrophobic performance and reduce water absorption.

When added to mortar or concrete formulations, SILANOX™ H82 improves waterproofing performance while maintaining workability.

KEY FEATURES

- Excellent water repellency
- Significantly reduces water absorption
- Effective at low dosage levels (0.2 – 1.0% of total formulation)
- 48-hour water absorption performance superior to JC 474-2008 standard requirements
- Easy dispersion in cement mortar and water
- Suitable for dry-mix formulations

APPLICATIONS

- Dry-mix mortars
- Cement mortar
- Facing mortar
- Caulking agents
- Cement-based putty
- Stucco systems

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	White powder
Active Content(%)	50
Density(20°Cg/cm3)	0.5-0.65



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia
chemport.com.au

PACKAGING

Supplied in 25 kg multi-layer paper bags with inner liner.

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated area away from moisture and incompatible substances. When stored under recommended conditions, the product has a shelf life of 12 months.

SAFETY

Avoid inhalation of dust and contact with eyes and skin. Use appropriate personal protective equipment when handling. Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information.