



SILANOX™ H83 (Silane-Based Waterproofing Additive)

DESCRIPTION

SILANOX™ H83 is a silicone-based waterproofing powder designed for gypsum and gypsum-containing building material systems. The product must be thoroughly dry-mixed with gypsum prior to water addition.

When incorporated at recommended levels, it significantly reduces water absorption while maintaining the compressive strength of the final gypsum product.

KEY FEATURES

- Excellent waterproof performance
- Significantly reduces water absorption in gypsum systems
- Meets first-class waterproof standard ($\leq 5\%$ water absorption after 2-hour immersion, 10-day cure)
- No adverse effect on compressive strength
- Suitable for phosphogypsum applications

APPLICATIONS

- Gypsum-based building materials
- Phosphogypsum formulations
- Gypsum blocks and molded gypsum products

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	White powder
Silicone Content	$\geq 50\%$
Bulk Density (20°C)	0.4 – 0.6 g/cm ³



**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.

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PACKAGING

Supplied in 25 kg multi-layer bags.

STORAGE & HANDLING

Store sealed between 5–30°C in a cool, dry environment.

Avoid contact with acids and alkaline substances.

Use promptly after opening.

Shelf life: 12 months under recommended conditions.

SAFETY

Avoid inhalation of dust and contact with skin and eyes.

Use appropriate personal protective equipment.

Refer to the Safety Data Sheet (SDS) for detailed safety and regulatory information.