



The Chemical Company

# SONOSHIELD<sup>®</sup> REINFORCEMENT

Glass Fibre Reinforcement System for Sonoshield Systems

## DESCRIPTION

**SONOSHIELD Reinforcement** is used as the reinforcing fabric for SONOSHIELD 300H, sandwiched within the system. It is recommended where the area of application is in poor condition of where substantial movement is expected in the structure.

## FIELDS OF APPLICATION

Areas of application are :

- R.C. roof decks
- balconies and terraces
- bridges, soffits, wing walls
- concrete repairs

## FEATURES AND BENEFITS

- Increases flexural strength
- Improves durability
- Enhances fatigue resistances
- Lightweight
- Able to adapt to any shapes and thus suitable for space constraint areas.

## PROPERTIES

Weave Type	: Plain
Generic Type	: E-glass
Thickness, mm	: 0.12
Weight (g/m)	: 100 ± 2

## APPLICATION

### Surface preparation

**SONOSHIELD Reinforcement** is bedded into the wet film of the first coat of SONOSHIELD 300H using a charged brush. Ensure that a full contact is achieved and there is no air entrapped. Apply a second coat of SONOSHIELD 300H when the first coat has dried, at right angles to the first.

Before the use of **SONOSHIELD Reinforcement**, please refer to the product data sheet of SONOSHIELD 300H. For any enquiries, please consult your local BASF Construction Chemicals representative.

## ESTIMATING DATA

**SONOSHIELD Reinforcement** are cut in accordance to the area to be reinforced.

The consumption rate of SONOSHIELD 300H will increase with the use of **SONOSHIELD Reinforcement**.

## PACKAGING

A standard roll of 50m in length by 1.02m in width.

## SHELF LIFE

**SONOSHIELD Reinforcement** can be kept for at least 12 months in original unopened packaging, if stored under cover out of direct sunlight and protect from extremes of temperature.

## PRECAUTIONS

For detailed Health, Safety and Environmental Recommendations, please consult and follow all instructions in the product Material Safety Data Sheet.

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF Construction Chemicals** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

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