

# ARMOURCURE SB - SOLVENT BASED CURING AGENT

## TECHNICAL DATASHEET

ARMOURCURE SB - SOLVENT BASED CURING AGENT Revision 1/4/2022

PRODUCT DESCRIPTION & USES		TECHNICAL DATA			
Product description:					
ARMOURCURE SB is a solvent based, clear acrylic resin polymer system.					
It is used as a temporary supplement to the concrete surface to control the curing of fresh concrete.					
Uses:					
ARMOURCURE SB is used to achieve the optimum curing and sealing of fresh concrete, especially for floors.					
It can also be used as a curing compound to control surface drying and drying shrinkage cracking.					
Existing concrete floors can be treated with ARMOURCURE SB to act as an anti-dust treatment.					
ARMOURCURE SB can be applied on indoor and outdoor surfaces.					
At no time is ARMOURCURE SB intended to act as a permanent wearing surface.					
PRODUCT INFORMATION					
ITEM	DESCRIPTION				
CHEMICAL BASE	SOLVENT BASED ACRYLIC CO-POLYMER RESIN				
COLOUR	CLEAR				
SAFETY	ARMOURCURE SB IS A SOLUTION OF AN ACRYLIC CO-POLYMER IN AN ORGANIC SOLVENT WHICH GIVES OFF HARMFUL AND FLAMMABLE FUMES				
SHELF LIFE	12 MONTHS FROM DATE OF MANUFACTURE IN ORIGINAL AND UNOPENED AND UNDAMAGED CONTAINERS				
STORAGE	IN DRY CONDITIONS, TEMP RANGE 5 - 30°C, PROTECT FROM FROST				
The application rate is theoretical and does not include for any variability in surface porosity, surface profile, wastage, variations in level and flatness etc.					
Beware of the risks of condensation! Do not apply when there is a risk of condensation.					
BENEFITS					
<ul style="list-style-type: none"> <li>Excellent adhesion well to fresh and cured concrete</li> <li>Provides curing and sealing of concrete surfaces in one step</li> <li>Quick drying</li> <li>Provides control of surface dust</li> <li>Does not 'yellow' with time</li> <li>Can be easily applied using spray or roller</li> </ul>					

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## PACKAGING INFORMATION

- 200 litre metal drums or 25 litre metal drums

## APPLICATION INSTRUCTIONS

## General:

- do not mix with other products
- ensure ARMOURCURE SB is not above 25°C prior to application
- if in doubt apply to a test area first to determine product suitability
- trial spraying application methods or roller/brush application methods for suitability prior to full application
- stir thoroughly before use for a minimum of 2 minutes using a low speed (less than 300 rpm) electric stirrer, ensuring that the stirrer is worked through the entire volume of the container
- application equipment must be clean and never have been used to apply silicones or release agents
- to achieve the highest visual appearance a second coat is recommended, applied soon after the first coat has become tack free

## Fresh concrete:

- surface must be finished and prepared ready for curing agent by either power trowel or by manual floating or tamping methods
- surface must be free from all bleed waters prior to application
- surface must be of sufficient cured strength to withstand application method
- apply immediately after concrete finishing methods have been completed and apply in a continuous even film by low pressure spray

## Existing concrete:

- surface must be prepared by mechanical abrasion (e.g. high pressure water jet or abrasive blasting)
- surface must be free of all dust, loose and friable material, ideally vacuumed clean, prior to application
- surface must be of sufficient cured strength to withstand application method

## MAINTENANCE

- all spillages must be removed immediately
- clean regularly using rotary brushes, scrubbers, scrubber dryers, etc using suitable cleaning agents