

## CURING MEMBRANES

### USES

**FLEXCRETE CURING MEMBRANES** are specially formulated curing compounds based on acrylic copolymers, in either a water or solvent carrier, which are designed for use with the FLEXCRETE REPAIR AND PROTECTION SYSTEM. They are non-degrading, enabling them to be readily overcoated with membranes from the Flexcrete range.

### ADVANTAGES

EASY TO APPLY:	Can be sprayed immediately on the surface of freshly placed FLEXCRETE REPAIR MORTARS.
CONVENIENT:	No sand, wet hessian or polythene required.
AESTHETIC:	Non-yellowing, stable products not significantly altering the appearance of mortar/concrete.
EFFICIENT:	Retains over 85% of the water in the repair mortar during first 72 hours.
SAFE:	<b>FLEXCRETE CURING MEMBRANE WB</b> is water based and is ideal for use in confined areas.
EASILY OVERCOATED:	Non-degrading membranes which will not affect the adhesion of subsequently applied coatings.

### PRODUCT DESCRIPTION

**FLEXCRETE CURING MEMBRANES** are non-degrading formulated acrylic resin sealers which form an elastic, durable matrix within cementitious substrates. When used with FLEXCRETE REPAIR MORTARS, they conform to the requirements for water retention given in ASTM C309. **FLEXCRETE CURING MEMBRANE SB** is solvent based and can be subjected to early immersion in tidal zones. **FLEXCRETE CURING MEMBRANE WB** is water based and has BBA Certification making it ideal for use in confined areas. When cured, both polymers show excellent resistance to blushing and weathering and can be used as a sealer coat.

### TECHNICAL DATA (TYPICAL)

	SB	WB
Appearance:	Clear liquid.	White liquid.
Specific Gravity:	0.89 at 20°C.	1.03 at 20°C.
Flash Point:	41°C (closed cup).	N/A
Viscosity (Brookfield):	50cps.	64cps.
Shelf Life:	12 months in sealed containers.	

### APPLICATION DATA

Application Guide available on request.

**FLEXCRETE CURING MEMBRANES** should be spray applied to the surface of newly placed cementitious mortars from the FLEXCRETE REPAIR AND PROTECTION SYSTEM. Application should take place as soon as practicable after final finishing, once any residual surface water from trowelling has evaporated, but generally within 15 minutes. Apply using a conventional pressure spray with a fine nozzle at 5-7m<sup>2</sup>/litre, taking care to ensure complete and even application. Best results are achieved by holding the nozzle approximately 0.5 to 1m from the surface, whilst spraying backwards and forwards over small measurable sections (1 to 5m<sup>2</sup>). For maximum curing efficiency, if the surface is subject to strong sunlight or drying winds, a second coat should be applied as above, once the first coat has dried and the membrane film has formed. This waiting time is generally 15 minutes, whilst the first coat is still tacky, depending upon temperature and the effects of wind.

### OVERCOATING

Surfaces treated with **FLEXCRETE CURING MEMBRANES** must be cured for a minimum of 72 hours before overcoating with a specialist membrane to ensure maximum adhesion. Consult the manufacturer's Data Sheet for further information on tolerable surface moisture contents and priming, where necessary.

### CLEANING

**SB:** CLEANING SOLVENT or xylene.  
**WB:** Water.

### STORAGE AND HANDLING

**FLEXCRETE CURING MEMBRANE SB:-** Store in closed containers, in a cool dry place and protect from extremes of temperature. Ensure good ventilation and do not smoke or expose to naked flame in the storage and working areas. Earth storage containers.

**CAUTION: FLAMMABLE MATERIAL. FLASH POINT 41°C.**

**FLEXCRETE CURING MEMBRANE WB:-** Store in dry frost free conditions, in original containers. Protect from high temperatures (40°C+) for prolonged periods.

### PACKAGING

Pack Size:  
**FLEXCRETE CURING MEMBRANE SB** 25 litres.  
**FLEXCRETE CURING MEMBRANE WB** 5 litres.

Coverage:  
5-7m<sup>2</sup>/litre/coat.

### SAFETY DATA

Safety Data Sheet available on request.

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