

# ALGIMICROCRETE-SP

## VERTICAL AND OVERHEAD APPLICATION ON MICROCONCRETE FOR STRUCTURAL REHABILITATION

# PRODUCT GUIDE

### DESCRIPTION

ALGIMICROCRETE-SP is a structural grade cementitious micro concrete designed for vertical application and for repairs / reinstatement of distressed reinforced concrete elements. This is extremely useful in vertical and overhead application where non sag thixotropic type product is required. Algimicrocrete-SP is an ideal micro concrete for structural strengthening of columns, beams etc without encasement.

### ADVANTAGES

- Excellent adhesion & sag resistance.
- High early and final strength.
- Chloride free.
- Easy to use.
- Prepacked system which overcomes site batched variations etc.
- Highly thixotropic and hence suitable for vertical and overhead application.

### APPLICATION

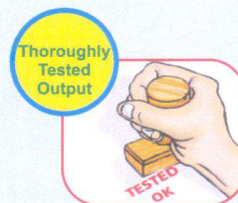
**SURFACE PREPARATION :** Use wire brush to completely remove grease, paint, cement etc. All crevices and holes need to be filled and leveled. Surfaces must be free from rising dampness and hydrostatic pressures. Mix ALGIMICROCRETE-SP and water in the ratio of 6:1 (6 parts powder and 1 part water) by weight or 3.6:1 (3.6 parts powder and 1 part water) by volume and place the prepared mortar.



High  
Quality  
input



Research  
&  
Development



Thoroughly  
Tested  
Output



Modern  
Packaging

### USES

ALGIMICROCRETE-SP is compatible for use with different grades of concrete and can be used for encasement of sections up to 100 mm. Larger sections can be built up with ALGIMICROCRETE-SP Mixed with 5-12 mm aggregates in the proportion of 50-100% by weight.

### PROPERTIES

Base	:	Cement
Colour	:	Grey
Form	:	Powder
Compressive Strength	:	400 kg/cm <sup>2</sup>
(14 days with curing)		
Adhesion Strength	:	3 kg/cm <sup>2</sup> .
Sag Resistance	:	Excellent

### SHELF LIFE

ALGIMICROCRETE-SP has shelf life of six months in original sealed containers.

### PACKING

ALGIMICROCRETE-SP is available in 30 kg and 50 kg packing.

**ALGI TECH**

An ISO 9001-2008 Certified Company

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NOTE: The Product should be used in accordance with the manufacturer's instructions. The manufacturer will not be held liable for the performance of the product if the same is not used as per the regulations and limitations specified by the manufacturer and also in conditions where the conditions of use are beyond the control of the manufacturer.