



# MESH COAT ADHESIVE

## MANUFACTURER

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## DESCRIPTION

CEMTEC MESH COAT ADHESIVE is a one component, polymer modified cement made exclusively for imbedding woven fiberglass mesh on to various substrates. Mesh Coat Adhesive mixes easily with water to produce a trowelable mortar used on vertical and horizontal applications. Substrates include dry wall, concrete block, poured concrete, EPS board, gypsum sheathing, fiberglass impregnated board, cement board.

## SURFACE PREPARATION

Surfaces to receive MESH COAT ADHESIVE must be solid with no loose particles, dirt, dust, oil, paint, curing compounds, form release or anything that will prevent MESH COAT ADHESIVE from coming in contact with the raw, open pore concrete. Any of these anti-adherents must be mechanically removed from concrete surfaces. When used as an adhesive and basecoat over EPS board, a light rasping of the surface is recommended to enhance bond.

## MIXING & APPLICATION

Blend 50 lbs. Mesh Coat with 4 1/2 to 6 quarts clean cool water to a smooth lump free consistency using a 450 RPM high torque drill and mixing paddle. The consistency should be thick enough to trowel vertically so as to lock in the mesh. First trowel on a thin coat to the substrate, apply the mesh and trowel tightly to force mesh down and mortar up to cover the mesh. Double back with the trowel to obtain a uniform thickness. (Approx. 1/8") Cemtec Spray Texture, Stamped Overlay, Broomed Overlay, Flexible Coating, as well as synthetic stucco finish, elastomeric coatings, and various other products can be applied to Mesh Coat Adhesive. Contact CEMTEC for particular product compatibility.

## CURING

MESH COAT ADHESIVE should cure in approx. 8 to 12 hours. There is no need to fog or mist Mesh Coat Adhesive but care should be taken to protect it from extreme sun, heat and wind.

## LIMITATIONS

DO not apply if temperature is less than 40 F. Always do a test application to determine suitability of EPS board and substrate. When in doubt use mechanical fasteners.

## COVERAGE

75-100 sq. ft. per 50 lbs.

## PACKAGING

50 lb. multiwall bags. Cement gray or white

## PRECAUTIONS

Contains Portland cement: avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with plenty of water for 15 minutes. Consult a physician immediately. Keep out of reach of children. Contains free silica - DO NOT breathe dust, May cause delayed lung injury. Follow OSHA safety and health standards for crystalline silica (quartz). See material safety data sheet for detailed information.

## TECHNICAL DATA

### Compressive Strength

ASTM C-109

1 day	1100 PSI
7 days	2870 PSI
28 days	4250 PSI

### Splitting Tensile

ASTM C-496

28 days	495 PSI
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### Flexural Strength

ASTM C-78

28 days	800 PSI
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### Bond Strength

ASTM C-882

To Concrete

28 days	1350 PSI
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